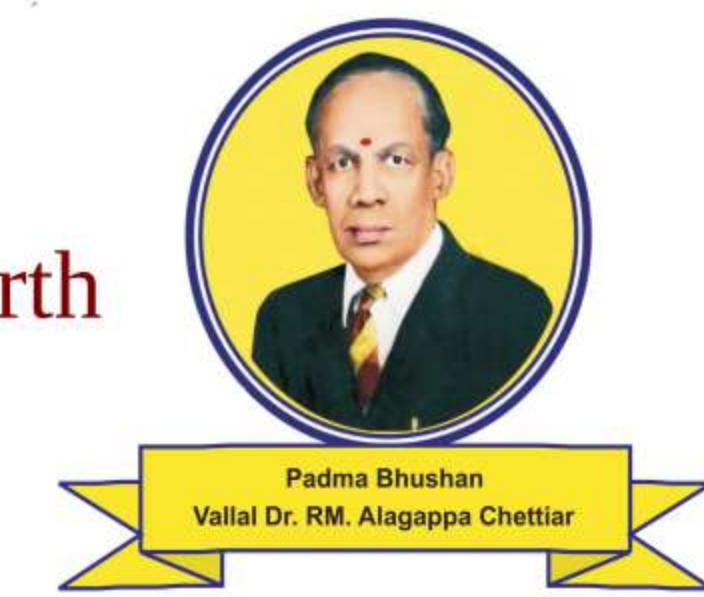




# ALAGAPPA UNIVERSITY

(A State University Accredited with 'A++' Grade by NAAC in the fourth Cycle and Graded as Category -I University by MHRD-UGC)

**KARAIKUDI – 630 003**



**Prof.G.Ravi**  
**Vice-Chancellor**



**Prof.A.Senthilrajan**  
**Registrar**



**Prof. M. Jothi Basu**  
**Controller of Examinations**



**Dr.S.Rajaram**  
**Dean**



**Dr.C.Vethirajan**  
**Dean, Student Affairs**

## **Department of Politics & Public Administration**

**Current Affairs & General Studies**

**JANUARY - 2026**

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**Vice-Chancellor**

**Co-Patron**  
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# ALAGAPPA UNIVERSITY

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KARAIKUDI – 630 003, Tamil Nadu, India



[www.alagappauniversity.ac.in](http://www.alagappauniversity.ac.in)

## FOREWORD



**Prof. G. Ravi**  
Vice-Chancellor

Yet another initiative by Alagappa University towards student's career development. The University which attained A++ in the recent past, intends to publish "**Monthly Magazine**" for Civil services and other competitive exam aspirants through the Department of Politics & Public Administration – students' council. Wishing the students council heartfully for their noble efforts in the path of Ideal Society.

VICE-CHANCELLOR  
ALAGAPPA UNIVERSITY  
KARAIKUDI - 630 003



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## FOREWORD



**Prof.A.SENTHILRAJAN**  
**Registrar**

The Department of Politics & Public Administration, Alagappa University, took strenuous efforts to release “**Monthly Magazine**” for Civil service aspirants. It comprises of all subjects related vital questions and answers, which may kindle the students’ community of Alagappa to get through various competitive exams. Wishing the students council, Department of Politics & Public Administration, the best in their industry.

*SenthilRajan*  
REGISTRAR  
ALAGAPPA UNIVERSITY  
KARAIKUDI - 630 003



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KARAIKUDI – 630 003, Tamil Nadu, India



**Prof. M. Jothi Basu**  
Controller of Examinations



Date: 01.11.2025

## FOREWORD

With immense pleasure and pride I am writing this as foreword for the first issue of the Monthly Publication of the Students Council, Department of Politics and Public Administration, Alagappa University, Karaikudi. Really it's an altruistic activity of the students of the Department of Politics and Public Administration which not only benefitting themselves but also will become an inevitable tool to the other student-aspirants of clearing competitive examinations. I am sure that this Monthly Publication will not only serve as a document of Student Council's activities but it will serve as a reference material for the various competitive examinations. It may light up the future of the several students by enabling them capable of acquiring assured success in examinations for securing public employability. I congratulate the Editor, Editorial Board, Contributors to the Monthly Publication of Students Council, Department of Politics and Public Administration for this initiative. Also, I extend my warm greetings to Prof. K. Senthilkumar, Head i.c., Department of Politics and Public Administration, Alagappa University, Karaikudi for his guiding thoughts, encouragements and continuous motivation to the Students Council to do such remarkable initiatives.

**Prof. M. JOTHI BASU**  
Controller of Examinations

Karaikudi



# அழகப்பா பல்கலைக்கழகம்

(1985 -இல் தோற்றுவிக்கப்பட்ட மாநிலப் பல்கலைக்கழகம் மற்றும்  
தேசியத் தர நிர்ணயக்குழுவின் நான்காம் சுற்று இருமை முறை  
வகைத் தர மதிப்பீட்டில் A++ (CGPA:3.59) தகுதி பெற்றது)  
காரைக்குடி - 630 003, தமிழ்நாடு, இந்தியா



முனைவர் சு. இராசாராம்

மூத்த பேராசிரியர் மற்றும் முதன்மையர்  
கலைப்புலம்



## வாழ்த்துரை

அழகப்பா பல்கலைக்கழக அரசியல் மற்றும் பொது நிர்வாகவியல் துறையின் மாணவர் மன்றம் பொது அறிவு, அறிவியல் மற்றும் தொழில் நுட்பம், நடப்பு நிகழ்வுகள், தகுதி மற்றும் தருக்கம், விளையாட்டு சார்ந்த செய்திகளை உள்ளடக்கமாகக் கொண்டு “நடப்பு நிகழ்வுகள் மற்றும் பொது அறிவு” என்னும் மாத இதழை வெளியிடுவது பாராட்டுதற்குரியது.

பொது அறிவு என்னும் பகுதியில் வரலாறு, புவியியல், தேசிய அரசியல், பண்ணாட்டு அரசியல், அரசமைப்புச் சட்டம், பொதுக் கொள்கைகள், பொருளாதாரம், விவசாயம், பொதுத்தமிழ் என ஒவ்வொரு பிரிவிலும் இருபது இருபது வினாக்களும் அவற்றுக்கான விடைகளும் தொகுக்கப்பட்டுள்ளன.

அறிவியல் மற்றும் தொழில்நுட்பம் என்னும் பிரிவில் இயற்பியல், வேதியியல், தாவரவியல், விலங்கியல், கண்டுபிடிப்புகள், செயற்கை நுண்ணறிவு என ஒவ்வொரு பிரிவிலும் இருபது இருபது வினாக்களும் அவற்றுக்கான விடைகளும் கொடுக்கப்பட்டுள்ளன.

நடப்பு நிகழ்வுகள் என்னும் பிரிவில் தேசிய நிகழ்வுகள், பண்ணாட்டு நிகழ்வுகள், அண்மைக்கால விருதுகள், இவர் யார் ? என ஒவ்வொரு பிரிவிலும் இருபது இருபது வினாக்களும் அவற்றுக்கான விடைகளும் தொகுக்கப்பட்டுள்ளன.

தகுதி மற்றும் தருக்கம் என்னும் பிரிவில் இருபது வினாக்களும் விடைகளும் தொகுக்கப்பட்டுள்ளன. விளையாட்டுகள் பிரிவில் இருபது வினாக்களும் விடைகளும் இடம்பெற்றுள்ளன.

போட்டிகள் நிறைந்த இந்த உலகத்தில் அதனை மாணவர்கள் எதிர்கொள்ளும் வகையில் தங்களை தயார்படுத்திக் கொள்வதற்கு இந்த இதழ் உற்ற துணையாக அமையும் என்பது உறுதி. இதனைத் தொகுத்து இதழாக வெளியிடும் அரசியல் மற்றும் பொது நிர்வாகவியல் துறை மாணவர் மன்றத்திற்கும் அதற்கு வழிகாட்டியாகவும் தூண்டுகோலாகவும் உற்ற துணையாகவும் விளங்கும் துறைத்தலைவர் பேராசிரியர் முனைவர் கே. செந்தில்குமார் அவர்களுக்கும் உதவிப்பயிற்றுநர்களுக்கும் மனமார்ந்த வாழ்த்துகளையும் பாராட்டுகளையும் தெரிவித்துக் கொள்கிறேன்.



**DEPARTMENT OF CORPORATE SECRETARYSHIP  
FACULTY OF MANAGEMENT  
ALAGAPPA UNIVERSITY**

(A State University Established by the Government of Tamil Nadu in 1985,  
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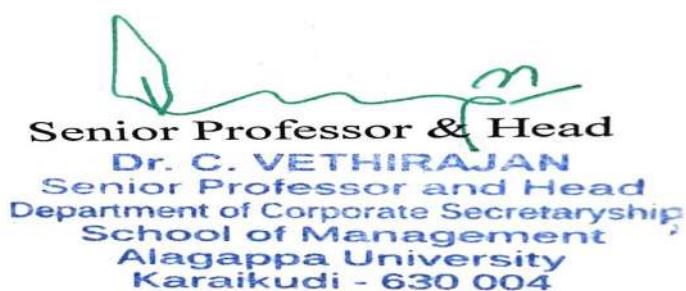
**Prof. C. Vethirajan  
Senior Professor & Head**

**Date: 30.12.2025**



**FOREWORD**

Having attained A++, Alagappa University is acting as a pioneer in multifarious academic sectors with its unique, incredible and splendid performances. Apart from innovative research and tantamount teaching the university prioritize student-service laden activities that elevated and motivated almost all the student community invariably. That said, student council of the department of Politics & Public administration, as instructed by Honorable Vice-Chancellor strived together to publish “WISDOM” a monthly magazine, for assisting all students of the campus who are aspiring for competitive examinations. Six students cleared UGC NET exams in the department so far, and their experiences shaped the magazine with almost all the topics and themes required for several competitive examinations. The magazine gives utmost importance for current affairs both national and international which is the need of the hour for all aspirants. I wish heartfully and congratulate the student council and faculties of the department of Politics & Public administration for their team effort and spirit in publishing the magazine which will certainly act as a boosting factor for all in this esteemed institution.



## **Editor's Insight**

In the constantly changing world of learning and competition, each question that is posed is a seed of inquisition, each thing that is revealed an answer is a step toward change. We are students in a complex process of passing through the test of UPSC, TNPSC, NET, SET, and other competitive examinations and we know that success in this field does not give itself immediately but it is developed when we persist and have a clear vision and unquenchable desire to learn.

This magazine is a modest but a determined attempt to reflect that journey. It is not a collection of questions and answers, but a mental cloth of ideas, thoughts and dreams. In this case, we offer ideas, knowledge, and practice contents, which seek to support each reader in pursuing an increased comprehension of their chosen direction. As civil service dreams or research hopes, we are going to see through the gap between information and inspiration.

Competitive examinations require more than rote learning, they require thought analysis, clarity of concepts and emotional stamina. This is the dimensions that we have been considering in creating this edition. The page is created to stimulate your thinking, rejuvenate your ideas and re-motivate you. It is in these columns that you will find a combination of the current affairs, insights at the subject level, and thought-provoking analysis that constitute the changing trends of competitiveness examination.

Being students, we understand the loveliness of the collective preparation. We share questions which we share points of view; we share answers which we gain knowledge. It is this group of spirits of inquiry which motivated us to produce this magazine, a place where students do not have to compete with each other, but rather collaborate and live together. Under such a wide examination as UPSC, TNPSC, NET and SET, only the academically diligent but also intelligent succeed. Therefore, this magazine is a kind of a guide and a friend of sorts, as it directs you to the most significant issues, theoretical clarity, and intellectual readiness. It challenges you to stop, think and revisit the pleasure of learning by questioning.

We have also endeavored to keep an aesthetic appeal in the whole of these pages--because we think that presentation matters in the perception. The process of learning must not be tedious in any way. This magazine is consciously created to achieve the sense of calm but attentive reading the typography, the layout, the visual rhythm is created in a way to create a sense of intellect meets elegance.

Looking through every page, you might be motivated or find a meaning in every question. May this magazine serve as a reminder that it is not just about cracking an exam by preparation but to be an evolving thinker, reader and citizen who is ready to make a contribution to the greater good. Each issue we are working towards raising this work to bring you nearer to the dream you seek and the excellence you represent. Now, we shall go on with this learning, struggling, winning and winning, at a time.

-The Students' Council

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## **CURRENT AFFAIRS**

### **NATIONAL AFFAIRS**

- **S. D. EZHILARASI, II MA**

- 1) **The 77th Republic Day parade prominently features a theme celebrating "150 years" of which cultural cornerstone?**
  - A) The Indian National Anthem
  - B) The National Song (Vande Mataram)
  - C) The Archaeological Survey of India
  - D) The Indian Railways
- 2) **In a rare diplomatic move, the 2026 Republic Day hosted two joint Chief Guests. Which entity did they represent?**
  - A) The Quad Alliance
  - B) The ASEAN Secretariat
  - C) The European Union (Commission and Council)
  - D) The African Union
- 3) **During the 2026 parade, the President arrived at Kartavya Path in a "Traditional Buggy." Which year saw the formal revival of this tradition?**
  - A) 2026
  - B) 2024
  - C) 2022
  - D) 2025
- 4) **The 2026 Republic Day tableau from the Ministry of Home Affairs focused on which specific digital reform?**
  - A) E-Courts Phase III
  - B) Zero FIR via I4C
  - C) Online Dispute Resolution (ODR)
  - D) Bharatiya Nyaya Sanhita implementation
- 5) **Which indigenous artillery system was utilized for the ceremonial 21-gun salute during the 77th Republic Day?**
  - A) Dhanush
  - B) ATAGS
  - C) Pinaka
  - D) 105 mm Light Field Gun
- 6) **The Union Cabinet approved a ₹5,000 crore equity infusion into which institution in January 2026?**
  - A) SIDBI
  - B) NABARD
  - C) EXIM Bank
  - D) NHB
- 7) **In January 2026, the World Bank projected India's GDP growth for the current fiscal year to be:**

- A) 7.2%
- B) 6.5%
- C) 7.0%
- D) 6.1%

8) **Which state hosted the 20th India Digital Summit (IDS 2026) with a focus on "AI readiness"?**

- A) Maharashtra (Mumbai)
- B) Telangana (Hyderabad)
- C) Karnataka (Bengaluru)
- D) Delhi

9) **The Government e-Marketplace (GeM) signed an MoU with which organization in January 2026 to assist MSME exports?**

- A) FICCI
- B) WTC Mumbai
- C) Invest India
- D) NITI Aayog

10) **India extended an \$800 million Line of Credit for the Hanimaadhoo Airport redevelopment in which country?**

- A) Sri Lanka
- B) Mauritius
- C) Maldives
- D) Bhutan

11) **By January 19, 2026, the Atal Pension Yojana (APY) crossed which subscriber milestone?**

- A) 10 crore
- B) 5 crore
- C) 8.66 crore
- D) 7.5 crore

12) **The 86th All India Presiding Officers' Conference (AIPOC 2026) was convened in which city?**

- A) Lucknow
- B) New Delhi
- C) Ahmedabad
- D) Jaipur

13) **Which ministry's "Year End Review 2025" released in January highlighted the success of the RAMP scheme?**

- A) Ministry of Finance
- B) Ministry of Commerce
- C) Ministry of Skill Development
- D) Ministry of MSME

14) **The "Karpoori Thakur Formula," discussed during his anniversary in January 2026, refers to:**

- A) A model for rural electrification
- B) A water-sharing treaty
- C) A layered reservation system
- D) A crop insurance method

**15) Which digital platform was launched by the ECI during the IICDEM 2026 conference?**

- A) CVigil 2.0
- B) Voter-Connect
- C) ECINET
- D) Garuda

**16) Demand for "Space Insurance" in India rose in January 2026 following failures of which missions?**

- A) Chandrayaan-4
- B) PSLV-C61 and C62
- C) Gaganyaan-1
- D) Aditya-L1

**17) NITI Aayog released green transition roadmaps in January 2026 for which "hard-to-abate" sector?**

- A) Textiles
- B) Coal Mining
- C) Cement and Aluminium
- D) Aviation

**18) A World Bank report in January 2026 estimated pollution costs India approximately how much of its annual GDP?**

- A) 1.7%
- B) 1.0%
- C) 2.5%
- D) 3.2%

**19) The Indian Air Force conducted a major aerial display over the Gangapur Dam in January 2026. Where is it located?**

- A) Madhya Pradesh
- B) Karnataka
- C) Maharashtra
- D) Gujarat

**20) Which veteran Indian-origin astronaut announced their retirement in January 2026?**

- A) Raja Chari
- B) Sunita Williams
- C) Sirisha Bandla
- D) Kalpana Chawla (Honorary)

21) In January 2026, the ED conducted raids regarding a gold misappropriation case related to which temple?

- A) Tirupati Balaji
- B) Madurai Meenakshi
- C) Sabarimala
- D) Padmanabhaswamy

22) Which state government suspended mobile internet in January 2026 due to communal flare-ups in Kokrajhar?

- A) Manipur
- B) Meghalaya
- C) Assam
- D) Tripura

23) The Bhashini Division signed an MoU with which body for the digitization of toponymic data?

- A) Survey of India
- B) ISRO
- C) Archaeological Survey of India
- D) National Archives

24) The 1721 Ceremonial Battery, which performed the 21-gun salute, is part of which Field Regiment?

- A) 15 Field Regiment
- B) 56 Field Regiment
- C) 172 Field Regiment
- D) 100 Field Regiment

25) Which Central Forensic Science Lab (CFSL) campus was newly inaugurated in January 2026?

- A) Bhopal
- B) Pune
- C) Hyderabad
- D) Raipur

26) Who received the Padma Bhushan in January 2026 for their contribution to Indian Cinema?

- A) Amitabh Bachchan
- B) Kamal Haasan
- C) Mammootty
- D) Shah Rukh Khan

27) The "India-Spain Dual Year" declared for 2026 focuses on which three pillars?

- A) Trade, Defense, Space
- B) Culture, Tourism, AI
- C) Education, Green Energy, Sports
- D) Mining, Agriculture, Health

28) Which playback singer was honored with the Padma Bhushan in the "Art" category in 2026?

- A) Shreya Ghoshal
- B) Sonu Nigam
- C) Alka Yagnik
- D) Sunidhi Chauhan

29) Which state celebrates "Kokborok Day" on January 19?

- A) Mizoram
- B) Tripura
- C) Nagaland
- D) Manipur

30) The "Beating Retreat" ceremony 2026 featured a drone show on which date?

- A) January 26
- B) January 30
- C) January 29
- D) January 28

31) Spain announced the opening of a new Consulate General in which Indian city in January 2026?

- A) Chennai
- B) Kochi
- C) Bengaluru
- D) Pune

32) India co-leads the "Maritime Security" pillar of the IPOI with which country?

- A) USA
- B) UK
- C) Japan
- D) France

33) Antonio Costa, who attended the 2026 Republic Day, is the President of which body?

- A) World Bank
- B) United Nations
- C) European Council
- D) NATO

34) India signed an MoU with which country to promote Khadi (KVI) sales in January 2026?

- A) Mauritius
- B) Germany
- C) UAE
- D) Canada

35) Which country formally joined the Indo-Pacific Oceans Initiative (IPOI) in January 2026?

- A) Italy
- B) Greece

- C) Spain
- D) Norway

36) Who took charge as the National President of the BJP in January 2026?

- A) JP Nadda
- B) Nitin Nabin
- C) Shivraj Singh Chouhan
- D) Amit Shah

37) In January 2026, which state assembly saw a walkout by the Governor during the address?

- A) West Bengal
- B) Kerala
- C) Tamil Nadu
- D) Punjab

38) Tripura, Manipur, and Meghalaya celebrate their Foundation Day on:

- A) January 15
- B) January 25
- C) January 21
- D) January 28

39) Pravasi Bharatiya Divas (Jan 9) 2026 commemorates:

- A) Arrival of Gandhi from South Africa
- B) Adoption of the Constitution
- C) First satellite launch
- D) Independence Day

40) Which state's "Vasant Panchami" coincided with Parakram Diwas in 2026?

- A) West Bengal
- B) Uttar Pradesh
- C) Bihar
- D) Punjab

41) Which literacy initiative was launched on International Day of Education (Jan 24) 2026?

- A) ULLAS 2.0
- B) Vidyanjali 3.0
- C) NIPUN Bharat
- D) Digital Literacy Mission

42) Martyrs' Day (Shaheed Diwas) is observed on January 30 to honor:

- A) Bhagat Singh
- B) Mahatma Gandhi
- C) Sardar Patel
- D) Subhas Chandra Bose

43) The "National Girl Child Day" (Jan 24) 2026 theme was:

- A) Beti Bachao
- B) Nutrition and Health

- C) Digital Skills for Girls
- D) Education for All

**44) World Leprosy Day 2026 (Jan 30) coincided with which other day?**

- A) National Voters' Day
- B) Army Day
- C) Martyrs' Day
- D) National Youth Day

**45) Which city hosted the 2026 IICDEM conference on Democracy?**

- A) Hyderabad
- B) New Delhi
- C) Mumbai
- D) Chandigarh

**46) The ODR Portal launched in January 2026 primarily handles:**

- A) Land disputes
- B) Consumer complaints
- C) Delayed payments for MSMEs
- D) Divorce cases

**47) Which missile system was highlighted as a major 2025-26 achievement in the Year End Review?**

- A) Agni-V
- B) Akash-NG
- C) Pralay
- D) BrahMos-II

**48) In January 2026 projections, India was ranked as the world's \_\_\_\_\_ largest economy.**

- A) 3rd
- B) 5th
- C) 4th
- D) 6th

**49) The "CHAMPIONS Portal" (99.38% redressal rate) belongs to which ministry?**

- A) Ministry of Home Affairs
- B) Ministry of Finance
- C) Ministry of MSME
- D) Ministry of External Affairs

**50) Indian Newspaper Day is celebrated on January 29 to mark the start of:**

- A) The Hindu
- B) Times of India
- C) Hicky's Bengal Gazette
- D) Indian Express

## ANSWER KEY

<b>1)</b> B	<b>2)</b> C	<b>3)</b> B	<b>4)</b> B	<b>5)</b> D	<b>6)</b> A	<b>7)</b> B	<b>8)</b> C	<b>9)</b> B	<b>10)</b> C
<b>11)</b> C	<b>12)</b> A	<b>13)</b> D	<b>14)</b> C	<b>15)</b> C	<b>16)</b> B	<b>17)</b> C	<b>18)</b> A	<b>19)</b> C	<b>20)</b> B
<b>21)</b> C	<b>22)</b> C	<b>23)</b> A	<b>24)</b> C	<b>25)</b> B	<b>26)</b> C	<b>27)</b> B	<b>28)</b> C	<b>29)</b> B	<b>30)</b> C
<b>31)</b> C	<b>32)</b> B	<b>33)</b> C	<b>34)</b> A	<b>35)</b> C	<b>36)</b> B	<b>37)</b> C	<b>38)</b> C	<b>39)</b> A	<b>40)</b> A
<b>41)</b> A	<b>42)</b> B	<b>43)</b> C	<b>44)</b> C	<b>45)</b> B	<b>46)</b> C	<b>47)</b> C	<b>48)</b> C	<b>49)</b> C	<b>50)</b> C

## INTERNATIONAL AFFAIRS

- T. THANURAJAN, II MA

**1) What is the name of the Venezuelan president who was recently targeted by US President Trump?**

- A) Nicolás Maduro
- B) Justin Trudeau
- C) Emmanuel Macron
- D) Joe Biden

**2) What is the name of the vice president whom the Supreme Court named as Venezuela's interim president?**

- A) Juan Guaidó
- B) Delcy Rodríguez
- C) María Corina Machado
- D) Leopoldo López

**3) What is the name of the Venezuelan opposition leader who received the Nobel Peace Prize in 2026?**

- A) Malala Yousafzai
- B) María Corina Machado
- C) Barack Obama
- D) Ales Bialiatski

**4) Which area, according to US President Donald Trump, is currently considered the most resource-rich region being targeted for sale?**

- A) Madagascar
- B) Borneo
- C) Greenland
- D) New Guinea

**5) Greenland is an autonomous country under the sovereignty of which country?**

- A) Norway
- B) Iceland
- C) Denmark
- D) Canada

**6) Who is the person who declared himself as the current acting president of Venezuela?**

- A) Juan Guaidó
- B) Donald Trump
- C) María Corina Machado
- D) Leopoldo López

**7) Who was the former Prime Minister of Bangladesh, who served two terms as Prime Minister and passed away in December 2026?**

- A) Sheikh Hasina
- B) Khaleda Zia

- C) Muhammad Yunus
- D) Sheikh Mujibur Rahman

**8) Which country, following the Islamic revolution of 1979, is witnessing a massive protest against the government at the beginning of this year?**

- A) India
- B) United States
- C) Germany
- D) Iran

**9) Which organization is on the verge of collapse due to America's authoritarian approach in the matter of America and Greenland?**

- A) NATO
- B) UNO
- C) ASEAN
- D) SAARC

**10) Recently, Israel granted recognition to a region in Somalia. What is the name of that region?**

- A) Mogadishu
- B) Hargeisa
- C) Puntland
- D) Somaliland.

**11) Scientists from which country have created a boneless fish through genetic modification?**

- A) USA
- B) China
- C) Japan
- D) South Korea

**12) What is the name of the person of Indian origin who was sworn in as the mayor of New York City?**

- A) Rishi Sunak
- B) Zohran Kwame Mamdani
- C) Sundar Pichai
- D) Nikki Haley

**13) Who was awarded the Israel Peace Prize, the highest civilian award of Israel, for the year 2026?**

- A) Shimon Peres
- B) Amartya Sen
- C) Donald Trump
- D) Elie Wiesel

**14) An election has recently been held in a country where military rule was in effect. What is the name of that country?**

- A) Thailand

- B) Pakistan
- C) Myanmar
- D) Sudan

**15) Who is the top Iranian religious leader frequently in current news?**

- A) Hassan Rouhani
- B) Ebrahim Raisi
- C) Ayatollah Ali Khamenei
- D) Mahmoud Ahmadinejad

**16) What is the name of the organization established by US President Donald Trump to bring about a ceasefire in Gaza?**

- A) Abraham Accord Council
- B) Middle East Peace Forum
- C) Gaza Peace Initiative
- D) Peace for Palestine Group

**17) Amidst the Iran-USA tensions, from which country has the USA withdrawn its troops?**

- A) Syria
- B) Afghanistan
- C) Katar
- D) Kuwait

**18) Where is the World Economic Forum being held?**

- A) Geneva
- B) New York
- C) Paris
- D) Davos

**19) These are the three countries that entered into a trilateral security agreement on the basis of “An attack on one is an attack on all”?**

- A) Iran, Iraq, Syria
- B) China, Russia, Iran
- C) Saudi Arabia, Turkey, Pakistan
- D) USA, UK, France

**20) According to the 2026 global naval ranking, which country holds the top position for having the largest navy in the world?**

- A) China
- B) Russia
- C) India
- D) USA

**21) What is the name of the former South Korean president who was recently sentenced to a five-year prison term for abusing military law?**

- A) Park Geun-hye
- B) Moon Jae-in

- C) Yoon Suk-yeol
- D) Roh Moo-hyun

**22) What is the name of the long-serving ruler who was elected as the president of the Central African country of Uganda?**

- A) Paul Kagame
- B) Yoweri Museveni
- C) Samia Suluhu
- D) William Ruto

**23) What is the name of the woman who became the youngest queen to assume the throne in the European country of Spain for the first time in a century and a half?**

- A) Queen Sofia
- B) Isabella II
- C) Princess Leonor
- D) Letizia

**24) What is the name of the passport that continues to rank first in the passport rankings this year (2026)?**

- A) Japan
- B) Germany
- C) France
- D) Singapore

**25) Where will the 2026 International Water Security Conference be held?**

- A) India
- B) Maldives
- C) Bangladesh
- D) Sri Lanka

**26) Russia has discovered the world's first cancer drug. What is its name?**

- A) OncoShield
- B) CancerX
- C) mRNA Endomixis
- D) BioHeal

**27) Which is the first South Asian country to host the Artificial Intelligence summit this year(2026)?**

- A) Pakistan
- B) Sri Lanka
- C) Bangladesh
- D) India

**28) Where is this year's (2026) major Asian universities event going to be held?**

- A) Tokyo
- B) Seoul

- C) Singapor
- D) Hong Kong

**29) What is the standard time limit for a head of state to address the UN General Assembly?**

- A) 10 minutes
- B) 15 minutes
- C) 20 minutes
- D) 30 minutes

**30) What is the name of the US President who spoke for an extended period in the UN General Assembly, violating the established norms?**

- A) Joe Biden
- B) Barack Obama
- C) George Bush
- D) Donald Trump

**31) Following Australia, which became the first country in the world to ban children from using social media, which European country is set to enact a law prohibiting children under 15 years of age from using social media?**

- A) Germany
- B) Italy
- C) Spain
- D) France

**32) Which was the first Pacific nation in the world to welcome the year 2026?**

- A) Samoa
- B) Tonga
- C) Fiji
- D) Kiritimati Island

**33) Which country has assumed the leadership of the Phoenix framework for the year 2026?**

- A) USA
- B) Japan
- C) Australia
- D) India

**34) In which country was a historically significant ancient church tower recently destroyed by fire?**

- A) France
- B) Belgium
- C) Germany
- D) Netherlands

**35) What is the name of the declaration adopted at the 80th UN General Assembly to promote solutions to intergovernmental conflicts?**

- A) Geneva Declaration
- B) Paris Declaration

- C) New York Declaration
- D) UN Peace Charter

**36) Who is the person who recently retired and holds the title of Asia's first female train driver?**

- A) Lata Mangeshkar
- B) Surekha Jadhav
- C) Kalpana Chawla
- D) Kiran Bedi

**37) The Election Commission that received the award for the best election commission in the world belongs to which country?**

- A) India
- B) Australia
- C) Canada
- D) Sri Lanka

**38) Who is the Prime Minister of Nepal who resigned from his post due to protests by the Senate?**

- A) Pushpa Kamal Dahal
- B) Sher Bahadur Deuba
- C) K. P. Sharma Oli
- D) Madhav Nepal

**39) Where was the world's largest museum recently inaugurated?**

- A) China
- B) France
- C) UAE
- D) Egypt

**40) What are the names of the two individuals recently appointed by the Trump administration as founding members of the Peace Board for Gaza?**

- A) Biden & Obama
- B) Marco Rubio & Tony Blair
- C) Trump & Netanyahu
- D) Macron & Scholz

**41) British PM Keir Starmer visited which country to strengthen economic ties in early 2026?**

- A) Japan
- B) USA
- C) China
- D) Germany

**42) Which Indian city will host the International Fleet Review and MILAN – 26 naval conclave in 2026?**

- A) Chennai
- B) Kochi
- C) Mumbai

D) Visakhapatnam

**43) Which country has joined a global “Board of Peace” initiative as reported in January 2026?**

- A) India
- B) USA
- C) Thailand
- D) Egypt

**44) Israel recently announced withdrawal from several UN agencies due to what reason?**

- A) Financial constraints
- B) Security concerns
- C) Alleged bias against Israel
- D) Political instability

**45) Which EU strategy aims to phase out dependence on Russian gas by 2027?**

- A) Green Deal 2030
- B) Energy Independence Plan
- C) Climate Neutrality Initiative
- D) Eurozone Energy Pact

**46) The global cybersecurity cooperation initiative launched in 2026 is called:**

- A) Operation Shield
- B) Cyber Global Alliance
- C) Operation Secure
- D) Cyber Peace Initiative

**47) Which country hosted COP-28 Climate Conference in 2026?**

- A) India
- B) USA
- C) United Arab Emirates
- D) Egypt

**48) The Abraham Accords are related to peace in which region?**

- A) Europe
- B) Africa
- C) Middle East
- D) South America

**49) Which country chairs the G20 Summit in 2026?**

- A) Brazil
- B) India
- C) Japan
- D) USA

**50) Who is the UN Secretary-General in 2026?**

- A) Ban Ki-moon
- B) Kofi Annan
- C) António Guterres
- D) Boutros Boutros - Ghali

### ANSWER KEY

<b>1)</b> A	<b>2)</b> B	<b>3)</b> B	<b>4)</b> C	<b>5)</b> C	<b>6)</b> B	<b>7)</b> B	<b>8)</b> D	<b>9)</b> A	<b>10)</b> D
<b>11)</b> C	<b>12)</b> B	<b>13)</b> C	<b>14)</b> C	<b>15)</b> C	<b>16)</b> C	<b>17)</b> C	<b>18)</b> D	<b>19)</b> C	<b>20)</b> D
<b>21)</b> C	<b>22)</b> B	<b>23)</b> C	<b>24)</b> D	<b>25)</b> D	<b>26)</b> C	<b>27)</b> D	<b>28)</b> D	<b>29)</b> B	<b>30)</b> D
<b>31)</b> D	<b>32)</b> D	<b>33)</b> D	<b>34)</b> D	<b>35)</b> C	<b>36)</b> B	<b>37)</b> D	<b>38)</b> C	<b>39)</b> D	<b>40)</b> B
<b>41)</b> C	<b>42)</b> D	<b>43)</b> C	<b>44)</b> C	<b>45)</b> B	<b>46)</b> C	<b>47)</b> C	<b>48)</b> C	<b>49)</b> B	<b>50)</b> C

## **POLITY AND GOVERNANCE**

### **INDIAN CONSTITUTION**

- N. ALAGAMMAI, I MA

1) Through which of the following amendments, the term “Socialist” was inserted in Preamble of Indian Constitution?

- A) 38th Amendment Act
- B) 42nd Amendment Act
- C) 49th Amendment Act
- D) 52nd Amendment Act

2) What is the minimum age to contest elections of Rajya Sabha?

- A) 25 years
- B) 30 Years
- C) 35 Years
- D) 21 Years

3) How many days were spent on the consideration of the draft constitution by the Constituent Assembly of India?

- A) One Hundred and Ten Days
- B) One Hundred and Fifteen Days
- C) One Hundred and Seventeen Days
- D) One Hundred and Fourteen Days

4) Consider the following statements in respect of the Constitution Day:

**Statement-I:** *The Constitution Day is celebrated on 26th November every year to promote constitutional values among citizens.*

**Statement-II:** *On 26th November, 1949, the Constituent Assembly of India set up a Drafting Committee under the Chairmanship of Dr. B.R. Ambedkar to prepare a Draft Constitution of India.*

**Which one of the following is correct in respect of the above statements?**

- A) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- B) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C) Statement-I is correct but Statement-II is incorrect
- D) Statement-I is incorrect but Statement-II is correct

5) Who was the Provisional President of the Constituent Assembly before Dr. Rajendra Prasad took over?

- A) Rajagopalachari
- B) Dr. B.R. Ambedkar
- C) T.T. Krishnamachari
- D) Dr. Sachchidananda Sinha

6) **The Constitution establishes a system of Government that is almost quasi-federal.**

**This was a statement of**

- A) Sir Ivor Jennings
- B) Prof. K. C. Wheare
- C) Dr B. R. Ambedkar
- D) Dr Rajendra Prasad

7) **Which of the following is NOT essential for the creation of a new state?**

- A) Consent of parent state
- B) Parliament legislation
- C) Amending First Schedule
- D) Opinion of Union Territory (if involved)

8) **Which article provides for reservation of seats for SCs and STs in Parliament and State Assemblies?**

- A) 330 & 332
- B) 338 & 339
- C) 340 & 342
- D) 343 & 344

9) **In the following cases, the Supreme Court held that sexual harassment of working women amounts to a violation of the rights of gender equality and the right to life and personal liberty.**

- A) Nilabati Behera v. State of Orissa
- B) Hussainara v. the State of Bihar
- C) Vishaka and others v. State of Rajasthan and others
- D) Srimati Gyan Kaur v. the State of Punjab

10) **Which rule has been provided in Article 17 of the Indian Constitution?**

- A) Right to Equality
- B) Abolition of Untouchability
- C) Right to Freedom of Religion
- D) Right against Exploitation

11) **106th Constitutional Amendment and 111th Constitutional Amendment respectively are related to?**

- A) Panchayat, Co-operative Society
- B) Co-operative society, Panchayat
- C) Panchayat, Panchayat
- D) Women's Reservation, GST Council

12) **Which institution has the final authority to interpret the Constitution of India?**

- A) Parliament
- B) Supreme Court of India
- C) President
- D) Attorney General of India

13) **How much freedom does Article 19 of the Indian Constitution provide?**

- A) 6 freedoms
- B) 7 freedoms
- C) 8 freedoms
- D) 9 freedoms

14) Which equality is provided for in Articles 17 and 18 of the Constitution?

- A) Social Equality
- B) Economic Equality
- C) Political Equality
- D) Religious Equality

15) Which of the following statements regarding nature of the rights that are guaranteed by Article 19 of the Indian Constitution is/are found to be correct?

- I. Article 19 of the Indian Constitution is confined to what are known as civil rights as distinguished from political rights such as the right to vote or to hold any political office, or the privileges of a chamber of the legislature.
- II. Article 19 of the Indian Constitution refers to what are known as natural or common law rights as distinguished from rights which are created by a statute and must be exercised subject to conditions imposed by it.
- III. Article 19 of the Indian Constitution does not include the right to life.

- A) I and II
- B) II and III
- C) I and III
- D) I, II and III

16) In determining the substantive reasonableness, the Court has to take into consideration various factors. Which of the following points have to be satisfied in order to adjudge the restriction to be 'reasonable'?

- A) The restriction must have a rational connection with the object sought to be achieved by the law
- B) The restriction imposed must not be in excess of the mischief sought to be prevented or the object sought to be achieved by the law
- C) Both (A) and (B)
- D) Neither (A) nor (B)

17) The system of judicial review originated in

- A) India
- B) Germany
- C) Russia
- D) U.S.A.

18) What was the basis for constituting the Constituent Assembly of India ?

- A) The Re-answer of the Indian National Congress
- B) The Cabinet Mission Plan, 1946
- C) The Indian Independence Act, 1947
- D) The re-answers of the Provincial/State Legislatures of the Dominion of India

**19) From the Constitution of which country the provision of Federation was borrowed while framing the Constitution of India ?**

- A) USA
- B) UK
- C) Canada
- D) Switzerland

**20) Which of the following provisions of the Constitution of India provides for the constitution of Panchayats?**

- A) Article 243F
- B) Article 243H
- C) Article 243B
- D) Article 243E

**21) Union of India or any State may sue or be sued according to which Article of the Indian Constitution?**

- A) Article 299
- B) Article 300
- C) Article 199
- D) Article 200 A

**22) Which one among the following statements is correct?**

- A) The Union executive has no power to issue directions to the States under the Constitution of India in any matter
- B) If the union executive issues directions to the state executive and they are not given effect by the State, no consequences have been prescribed under the Constitution
- C) The pleasure doctrine is subject to Article 311(2)
- D) The residuary powers can be exercised by the States

**23) Which one of the following is NOT essential for the creation of a new State?**

- A) The consent of the State from which the territory is to be taken out is mandatory
- B) The Parliament can create a new State simply by enacting legislation
- C) The First Schedule to the Constitution of India has to be amended to create a new State
- D) There is no requirement to seek the opinion of the Union Territory which is converted into a State

**24) Under which constitutional amendment Bill, four languages: Bodo, Dogri, Maithili and Santhali are added to the 8th schedule of the Indian constitution?**

- A) 89th
- B) 92nd
- C) 90th
- D) 95th

**25) Which of the following statement/statements is/are correct?**

- 1) An ordinary Bill can only originate in the Council of States

- 2) A Bill pending in House of People shall not lapse by reason of the prorogation of the House
- 3) A Bill pending in the Council of State which has not been passed by the House of People shall not lapse on a dissolution of the House of the People
- 4) A Bill pending in the House of people shall not lapse by reason of the dissolution of the House
  - A) (1) and (2) are correct
  - B) (2) and (3) are correct
  - C) (1) and (4) are correct
  - D) (2) and (4) are correct

26) The Eighth Schedule of the Constitution provides for:

- A) Panchayat Raj
- B) Anti Defection
- C) Validation of certain Acts and Regulations
- D) Official Languages

**ANSWER KEY**

1) B	2) B	3) D	4) C	5) D	6) B	7) A	8) A	9) C	10) B
11) D	12) B	13) A	14) A	15) D	16) C	17) D	18) B	19) C	20) C
21) B	22) C	23) A	24) B	25) B	26) D				

## PUBLIC POLICY

- K. HARINI JOTHI, I MA

1) Which institution is the primary public policy think tank of the Government of India?

- A) RBI
- B) UPSC
- C) NITI Aayog
- D) CAG

2) The National Education Policy (NEP) 2020 mainly emphasizes on:

- A) Rote learning
- B) Exam-based education
- C) Multidisciplinary and holistic education
- D) Privatization of education

3) PM Gati Shakti is related to which public policy area?

- A) Health
- B) Infrastructure
- C) Agriculture
- D) Education

4) Which ministry implements the Digital India Programme?

- A) Ministry of Home Affairs
- B) Ministry of Electronics and IT
- C) Ministry of Finance
- D) Ministry of Education

5) The National Green Hydrogen Mission is associated with:

- A) Nuclear energy
- B) Renewable energy
- C) Thermal power
- D) Biotechnology

6) Which policy aims at financial inclusion in India?

- A) Make in India
- B) Skill India
- C) PM Jan Dhan Yojana
- D) Startup India

7) Ayushman Bharat scheme mainly focuses on:

- A) Education insurance
- B) Crop insurance
- C) Health insurance and wellness
- D) Pension reforms

8) Jal Jeevan Mission aims to provide:

- A) Electricity to villages
- B) Irrigation facilities

- C) Tap water to rural households
- D) Sanitation facilities

9) **Which public policy addresses climate change in India?**

- A) National Forest Policy
- B) National Action Plan on Climate Change
- C) Disaster Management Act
- D) Energy Conservation Act

10) **PM-KISAN scheme provides:**

- A) Crop insurance
- B) Free fertilizers
- C) Income support to farmers
- D) Loan waiver

11) **Which policy promotes manufacturing and investment in India?**

- A) Act East Policy
- B) Make in India
- C) Look West Policy
- D) Digital India

12) **The Right to Information Act is related to:**

- A) Judicial reform
- B) Administrative transparency
- C) Economic planning
- D) Election reforms

13) **Which scheme focuses on women empowerment?**

- A) PMJDY
- B) Beti Bachao Beti Padhao
- C) PMFBY
- D) DAY-NULM

14) **National Skill Development Policy aims to:**

- A) Improve higher education
- B) Promote research
- C) Provide vocational skills
- D) Reduce population growth

15) **Startup India policy mainly encourages:**

- A) Large industries
- B) Foreign companies
- C) Entrepreneurship and innovation
- D) Public sector expansion

16) **Swachh Bharat Mission focuses on:**

- A) Water supply
- B) Clean energy
- C) Sanitation and cleanliness

- D) Urban transport

17) Which scheme supports electric vehicles in India?

- A) AMRUT
- B) FAME India
- C) UDAY
- D) Saubhagya

18) National Food Security Act ensures:

- A) Employment to all
- B) Subsidized food grains
- C) Nutrition education
- D) Agricultural exports

19) Which body releases the Multidimensional Poverty Index in India?

- A) RBI
- B) World Bank
- C) NITI Aayog
- D) Finance Ministry

20) Urban employment generation is addressed under:

- A) MGNREGA
- B) PMAY-G
- C) DAY-NULM
- D) PMFBY

21) National Cyber Security Policy deals with:

- A) Border protection
- B) Digital and data security
- C) Internal security
- D) Defence modernization

22) Which policy is related to ease of doing business?

- A) Labour Codes
- B) Industrial Policy
- C) Administrative reforms
- D) Startup India

23) AMRUT scheme is related to:

- A) Rural development
- B) Urban infrastructure
- C) Agricultural policy
- D) Industrial Corridors

24) Which public policy focuses on urban housing?

- A) PMAY
- B) MGNREGA
- C) PMJDY
- D) PMFBY

25) Evidence-based policymaking is mainly promoted by:

- A) Judiciary
- B) Parliament
- C) NITI Aayog
- D) Election Commission

**ANSWER KEY**

<b>1)</b> C	<b>2)</b> C	<b>3)</b> B	<b>4)</b> B	<b>5)</b> B	<b>6)</b> C	<b>7)</b> C	<b>8)</b> C	<b>9)</b> B	<b>10)</b> C
<b>11)</b> B	<b>12)</b> B	<b>13)</b> B	<b>14)</b> C	<b>15)</b> C	<b>16)</b> C	<b>17)</b> B	<b>18)</b> B	<b>19)</b> C	<b>20)</b> C
<b>21)</b> B	<b>22)</b> D	<b>23)</b> B	<b>24)</b> A	<b>25)</b> C					

## HISTORY & CULTURE

### HISTORY

- M. LALITHA UMA MAHESWARI, I MA

**1) The Arab Spring movements were primarily triggered by:**

- A) Ethnic conflicts
- B) Economic liberalization
- C) Youth unemployment and authoritarianism
- D) External military intervention

**2) Which one of the following best explains the significance of the Bretton Woods Institutions in contemporary history?**

- A) Promotion of military alliances
- B) Regulation of nuclear technology
- C) Post-war global economic stabilization
- D) Decolonization of Asia and Africa

**3) The term “Global South” in contemporary discourse refers mainly to:**

- A) Southern Hemisphere countries
- B) Newly industrialized countries only
- C) Developing and less-developed regions
- D) Socialist economies

**4) The Non-Aligned Movement (NAM) in the post–Cold War era is criticized mainly because:**

- A) It supports military alliances
- B) Its relevance declined with bipolarity
- C) It promotes economic sanctions
- D) It excludes major powers

**5) Which event marked the symbolic end of the Cold War?**

- A) Cuban Missile Crisis
- B) NATO expansion
- C) Fall of the Berlin Wall
- D) Dissolution of USSR

**6) India’s 1991 economic reforms were initiated mainly due to:**

- A) Political instability
- B) Oil price shock
- C) Balance of Payments crisis
- D) WTO pressure

**7) Which of the following agreements replaced the Kyoto Protocol framework?**

- A) Montreal Protocol
- B) Paris Agreement
- C) Doha Development Round
- D) Glasgow Pact

**8) The concept of “Responsibility to Protect (R2P)” is associated with:**

- A) Environmental protection
- B) Humanitarian intervention
- C) Nuclear disarmament
- D) Trade liberalization

**9) Which one of the following is a consequence of globalization highlighted in contemporary history?**

- A) End of nationalism
- B) Cultural homogenization only
- C) Increased interdependence of economies
- D) Decline of international institutions

**10) The 2008 Global Financial Crisis revealed weaknesses mainly in:**

- A) Agricultural markets
- B) Welfare states
- C) Financial regulation systems
- D) Manufacturing sector

**11) The rise of China as a global power is primarily linked to:**

- A) Military expansion alone
- B) Socialist planning
- C) Export-led growth and reforms
- D) Population growth

**12) Which contemporary movement is associated with gender justice at the global level?**

- A) Black Lives Matter
- B) Occupy Wall Street
- C) Me Too Movement
- D) Arab Spring

**13) The Indo-Pacific concept became prominent mainly due to:**

- A) Cultural integration
- B) Maritime trade routes
- C) Strategic balance of power
- D) Climate cooperation

**14) Which one of the following best describes India’s role in G20?**

- A) Regional observer
- B) Military alliance member
- C) Global economic stakeholder
- D) UN peacekeeper

**15) The COVID-19 pandemic highlighted which aspect of contemporary global history?**

- A) Decline of nation-states
- B) Strength of global health governance
- C) Inequality in healthcare access
- D) End of globalization

**16) The Russia–Ukraine conflict is often described as a challenge to:**

- A) UN General Assembly
- B) Post-Cold War security order
- C) WTO system
- D) Climate agreements

**17) Which policy shift reflects India's contemporary foreign policy evolution?**

- A) Isolationism
- B) Non-alignment only
- C) Strategic autonomy
- D) Military neutrality

**18) The revocation of Article 370 can be placed under which contemporary historical theme?**

- A) Federal restructuring
- B) Social justice
- C) Economic reform
- D) Electoral reform

**19) The term “Multipolar World” signifies:**

- A) Single superpower dominance
- B) Bipolar rivalry
- C) Distribution of power among many states
- D) End of conflicts

**20) Which of the following institutions gained prominence after globalization?**

- A) League of Nations
- B) WTO
- C) Comintern
- D) NAM

**21) Digital revolution in contemporary history mainly impacted:**

- A) Agriculture only
- B) Communication and governance
- C) Rural economy alone
- D) Military conflicts only

**22) The idea of “Vasudhaiva Kutumbakam” highlighted in recent summits reflects:**

- A) Religious philosophy
- B) Cultural nationalism
- C) Global cooperation
- D) Economic protectionism

**23) Which event intensified debates on data privacy globally?**

- A) WTO protests
- B) Cambridge Analytica scandal
- C) Snowden revelations
- D) Arab Spring

**24) The rise of terrorism in contemporary history is often linked with:**

- A) Globalization alone

- B) Decolonization alone
- C) Political instability and extremism
- D) Technological advancement

**25) Which one of the following is a key feature of contemporary history as a discipline?**

- A) Focus on ancient sources
- B) Emphasis on oral tradition only
- C) Analysis of recent events with global impact
- D) Limited documentation

**ANSWER KEY**

<b>1) C</b>	<b>2) C</b>	<b>3) C</b>	<b>4) B</b>	<b>5) C</b>	<b>6) C</b>	<b>7) B</b>	<b>8) B</b>	<b>9) C</b>	<b>10) C</b>
<b>11) C</b>	<b>12) C</b>	<b>13) C</b>	<b>14) C</b>	<b>15) C</b>	<b>16) B</b>	<b>17) C</b>	<b>18) A</b>	<b>19) C</b>	<b>20) B</b>
<b>21) B</b>	<b>22) C</b>	<b>23) B</b>	<b>24) C</b>	<b>25) C</b>					

## ART & CULTURE

- A. ANWARAJA, II MA

1) Bharatanatyam originated in which state?

- A) Kerala
- B) Tamil Nadu
- C) Andhra Pradesh
- D) Karnataka

2) Kathak dance developed mainly in which region?

- A) Eastern India
- B) Southern India
- C) Northern India
- D) North-Eastern India

3) Which classical dance form is associated with temples of Odisha?

- A) Kuchipudi
- B) Odissi
- C) Manipuri
- D) Mohiniyattam

4) Kathakali is a famous dance form of:

- A) Karnataka
- B) Kerala
- C) Tamil Nadu
- D) Andhra Pradesh

5) Mohiniyattam is traditionally performed by:

- A) Male dancers
- B) Female dancers
- C) Both male and female
- D) Group performers only

6) Kuchipudi originated in which state?

- A) Telangana
- B) Andhra Pradesh
- C) Odisha
- D) Karnataka

7) Manipuri dance belongs to which region of India?

- A) North India
- B) South India
- C) East India
- D) North-East India

8) Which dance form uses elaborate facial makeup and masks?

- A) Bharatanatyam
- B) Kathak
- C) Kathakali

D) Odissi

9) **Garba is mainly performed during:**

- A) Onam
- B) Baisakhi
- C) Navratri
- D) Pongal

10) **Bhangra is the folk dance of:**

- A) Haryana
- B) Punjab
- C) Rajasthan
- D) Gujarat

11) **Ghoomar is a popular folk dance of:**

- A) Gujarat
- B) Rajasthan
- C) Maharashtra
- D) Madhya Pradesh

12) **Lavani is a traditional dance of:**

- A) Maharashtra
- B) Goa
- C) Karnataka
- D) Tamil Nadu

13) **Bihu dance is associated with which state?**

- A) Tripura
- B) Assam
- C) Mizoram
- D) Manipur

14) **Which dance form narrates stories from epics like Ramayana and Mahabharata?**

- A) Yakshagana
- B) Garba
- C) Bihu
- D) Chhau

15) **Bihu dance is popular in:**

- A) Odisha, Jharkhand, West Bengal
- B) Kerala and Tamil Nadu
- C) Punjab and Haryana
- D) Assam and Manipur

16) **Dandiya Raas is traditionally performed with:**

- A) Masks
- B) Swords
- C) Sticks
- D) Bells

17) **Which classical dance emphasizes rhythm and footwork?**

- A) Kathak
- B) Manipuri
- C) Mohiniyattam
- D) Odissi

18) **Sattriya dance originated in which state?**

- A) Assam
- B) Odisha
- C) Bihar
- D) West Bengal

19) **Which dance form is known for slow, graceful movements?**

- A) Kathakali
- B) Mohiniyattam
- C) Bhangra
- D) Lavani

20) **Folk dances mainly reflect:**

- A) Urban lifestyle
- B) Royal traditions
- C) Regional culture and traditions
- D) Foreign influence

21) **Which dance form is performed during harvest festivals in Punjab?**

- A) Garba
- B) Bihu
- C) Bhangra
- D) Ghoomar

22) **Odissi dance postures are inspired by:**

- A) Temple sculptures
- B) Tribal art
- C) Mughal paintings
- D) Folk tales

23) **Yakshagana is a traditional dance-drama of:**

- A) Andhra Pradesh
- B) Karnataka
- C) Kerala
- D) Tamil Nadu

24) **Which dance form is performed in circular patterns?**

- A) Garba
- B) Kathak
- C) Kathakali
- D) Kuchipudi

25) **Indian classical dances are mainly based on:**

- A) Western music

- B) Natya Shastra
- C) Folk songs
- D) Modern literature

**ANSWER KEY**

1) B	2) C	3) B	4) B	5) B	6) B	7) D	8) C	9) C	10) B
11) B	12) A	13) B	14) A	15) A	16) C	17) A	18) A	19) B	20) C
21) C	22) A	23) B	24) A	25) B					

## **GEOGRAPHY & ENVIRONMENT**

### **GEOGRAPHY**

- **M. DEEPADHARSHINI, II MA**

**1) The Himalayas were formed due to**

- A) Volcanic eruption
- B) Faulting
- C) Folding
- D) Erosion

**2) Which is the oldest mountain range in India?**

- A) Himalayas
- B) Aravalli
- C) Vindhya
- D) Satpura

**3) The Northern Plains of India are formed by**

- A) Wind deposition
- B) Lava flow
- C) River deposition
- D) Glacial erosion

**4) Which river does NOT originate in the Himalayas?**

- A) Ganga
- B) Yamuna
- C) Brahmaputra
- D) Godavari

**5) The Deccan Plateau is mainly made up of**

- A) Sedimentary rocks
- B) Igneous rocks
- C) Metamorphic rocks
- D) Limestone

**6) The South-West Monsoon begins in India from**

- A) Tamil Nadu coast
- B) Gujarat coast
- C) Kerala coast
- D) Odisha coast

**7) Which monsoon gives rainfall to Tamil Nadu?**

- A) South-West Monsoon
- B) North-East Monsoon
- C) Summer monsoon
- D) Local winds

**8) Which factor mainly affects Indian monsoon?**

- A) Latitude
- B) Altitude
- C) Pressure and winds
- D) Ocean current

**9) The retreating monsoon season occurs during**

- A) Jan–Feb
- B) Mar–Apr
- C) Jun–Sep
- D) Oct–Nov

**10) Which river is called the “Dakshin Ganga”?**

- A) Krishna
- B) Cauvery
- C) Godavari
- D) Mahanadi

**11) Which river forms the largest delta in India?**

- A) Godavari
- B) Krishna
- C) Cauvery
- D) Ganga–Brahmaputra

**12) Mettur Dam is built across which river?**

- A) Bhavani
- B) Cauvery
- C) Vaigai
- D) Amaravathi

**13) Which river is known as the “Sorrow of Bihar”?**

- A) Son
- B) Gandak
- C) Kosi
- D) Ganga

**14) Black soil is suitable for cultivation of**

- A) Rice
- B) Wheat
- C) Cotton
- D) Tea

**15) Red soil gets its colour due to**

- A) Copper
- B) Iron oxide
- C) Aluminium
- D) Carbon

**16) Tropical evergreen forests are found in**

- A) Low rainfall areas

- B) Desert regions
- C) Heavy rainfall areas
- D) Plateau regions

**17) Mangrove forests are found in**

- A) Mountain slopes
- B) River deltas
- C) Dry regions
- D) Grasslands

**18) The longest river in Tamil Nadu is**

- A) Vaigai
- B) Thamirabarani
- C) Cauvery
- D) Palar

**19) Which hill station is called the “Queen of Hill Stations”?**

- A) Kodaikanal
- B) Yercaud
- C) Ooty
- D) Valparai

**20) Nilgiri Hills are part of**

- A) Eastern Ghats
- B) Western Ghats
- C) Aravalli
- D) Vindhya

**21) Which district leads in wind energy production in TN?**

- A) Coimbatore
- B) Tirunelveli
- C) Salem
- D) Thanjavur

**22) Coromandel Coast lies along**

- A) Arabian Sea
- B) Bay of Bengal
- C) Indian Ocean
- D) Andaman Sea

**23) The Equator is located at**

- A)  $0^{\circ}$  latitude
- B)  $23\frac{1}{2}^{\circ}$  N
- C)  $23\frac{1}{2}^{\circ}$  S
- D)  $66\frac{1}{2}^{\circ}$  N

**24) Which continent is known as the “Dark Continent”?**

- A) Asia

- B) Africa
- C) Australia
- D) Europe

**25) The largest desert in the world is**

- A) Thar
- B) Sahara
- C) Gobi
- D) Kalahari

**26) Which ocean is the largest?**

- A) Indian Ocean
- B) Atlantic Ocean
- C) Pacific Ocean
- D) Arctic Ocean

**ANSWER KEY**

1) C	2) B	3) C	4) D	5) B	6) C	7) B	8) C	9) D	10) C
11) D	12) B	13) C	14) C	15) B	16) C	17) B	18) C	19) C	20) B
21) B	22) B	23) A	24) B	25) B	26) C				

## CLIMATE CHANGE

- R. KASTHURIRAJA (ALUMNI)

- 1) Which greenhouse gas has the highest global warming potential over a 100-year period?
  - A) Carbon dioxide
  - B) Nitrous oxide
  - C) Methane
  - D) Sulphur hexafluoride
- 2) The Paris Agreement aims to limit global temperature rise to below:
  - A) 1°C
  - B) 2°C
  - C) 1.5°C
  - D) 2.5°C
- 3) Which Indian initiative focuses on promoting energy efficiency through market-based mechanisms?
  - A) Ujjwala Yojana
  - B) Renewable Energy Development Programme
  - C) National Electric Mobility Mission
  - D) Perform, Achieve and Trade (PAT)
- 4) Which of the following is NOT a greenhouse gas?
  - A) Nitrogen
  - B) Nitrous oxide
  - C) Carbon dioxide
  - D) Methane
- 5) Which Indian city hosted COP8 of the UNFCCC in 2002?
  - A) Mumbai
  - B) Chennai
  - C) Hyderabad
  - D) New Delhi
- 6) Which of the following acts as a major carbon sink?
  - A) Volcanoes
  - B) Deserts
  - C) Oceans
  - D) Industrial plants
- 7) India's National Action Plan on Climate Change (NAPCC) was launched in:
  - A) 2005
  - B) 2010
  - C) 2008
  - D) 2012
- 8) Which of the following is a short-lived climate pollutant?
  - A) Methane

- B) Nitrous oxide
- C) Sulphur hexafluoride
- D) Carbon dioxide

9) **Which Indian mission promotes solar energy under NAPCC?**

- A) National Electric Mobility Mission
- B) National Solar Mission
- C) National Wind Energy Mission
- D) National Bio-Energy Mission

10) **Which international body releases the IPCC reports?**

- A) World Bank
- B) UNEP
- C) IPCC
- D) UNFCCC

11) **Which of the following is NOT part of the Kyoto Protocol mechanisms?**

- A) Clean Development Mechanism
- B) Joint Implementation
- C) Green Climate Fund
- D) Emission Trading

12) **Which Indian state has the largest installed capacity of wind energy?**

- A) Maharashtra
- B) Tamil Nadu
- C) Rajasthan
- D) Gujarat

13) **Which of the following gases is primarily responsible for ozone layer depletion?**

- A) Methane
- B) Nitrous oxide
- C) Carbon dioxide
- D) Chlorofluorocarbons

14) **Which Indian programme promotes afforestation to combat climate change?**

- A) National Electric Mobility Mission
- B) National Solar Mission
- C) Green India Mission
- D) Ujjwala Yojana

15) **Which of the following is a consequence of ocean acidification?**

- A) Increase in fish population
- B) Rise in sea level
- C) Coral bleaching
- D) Formation of ozone holes

16) **Which of the following is India's commitment under the Paris Agreement?**

- A) Net-zero emissions by 2030
- B) Reduce emission intensity of GDP by 33–35% by 2030 (from 2005 levels)
- C) Achieve 100% renewable energy by 2025

D) Phase out coal completely by 2030

17) The term “carbon credit” is associated with:

- A) Tax incentives for renewable energy
- B) Tradable certificate for reducing emissions
- C) Subsidy for electric vehicles
- D) Afforestation projects only

18) Which of the following is a greenhouse gas emitted mainly from agriculture?

- A) Methane
- B) Carbon dioxide
- C) Sulphur dioxide
- D) Ozone

19) Which Indian state is most vulnerable to sea-level rise due to climate change?

- A) Punjab
- B) Kerala
- C) West Bengal
- D) Bihar

20) Which of the following is NOT a goal of the Sustainable Development Goals (SDGs) related to climate?

- A) SDG 13: Climate Action
- B) SDG 7: Affordable and Clean Energy
- C) SDG 15: Life on Land
- D) SDG 9: Global Emission Trading

21) Which of the following is a greenhouse gas with both natural and anthropogenic sources?

- A) Methane
- B) Nitrous oxide
- C) Carbon dioxide
- D) All of the above

22) Which Indian mission focuses on sustainable agriculture under NAPCC?

- A) National Mission on Sustainable Agriculture
- B) National Solar Mission
- C) National Electric Mobility Mission
- D) Green India Mission

23) Which of the following is a direct impact of melting glaciers?

- A) Desertification
- B) Sea-level rise
- C) Ozone depletion
- D) Acid rain

24) Which of the following is a pollutant contributing to both climate change and air pollution?

- A) Black carbon
- B) Nitrogen

- C) Oxygen
- D) Helium

25) Which of the following is India's target for renewable energy capacity by 2030?

- A) 250 GW
- B) 300 GW
- C) 500 GW
- D) 1000 GW

#### ANSWER KEY

<b>1)</b> D	<b>2)</b> C	<b>3)</b> D	<b>4)</b> A	<b>5)</b> C	<b>6)</b> C	<b>7)</b> C	<b>8)</b> A	<b>9)</b> B	<b>10)</b> C
<b>11)</b> C	<b>12)</b> B	<b>13)</b> D	<b>14)</b> C	<b>15)</b> C	<b>16)</b> B	<b>17)</b> B	<b>18)</b> A	<b>19)</b> C	<b>20)</b> D
<b>21)</b> D	<b>22)</b> A	<b>23)</b> B	<b>24)</b> A	<b>25)</b> C					

## OCEANOGRAPHY

- R. VIGNESHWARAN, IMA

1) Consider the following statements:

- I. About 97 percent of the planetary water is found in the oceans; the remaining is held as freshwater in glaciers and other sources.
- II. Nearly more than 50 percent of the water that falls on land returns to the atmosphere through evapotranspiration.

Which of the above statements is/are incorrect?

- A) I only
- B) II only
- C) Both I and II
- D) Neither I nor II

2) The circulation of water within the Earth's hydrosphere in different forms (solid, liquid, and gaseous) is known as:

- A) Hydrological cycle
- B) Nitrogen cycle
- C) Rock cycle
- D) Carbon cycle

3) Consider the following processes:

1. Evaporation
2. Precipitation
3. Condensation
4. Hydration

Which of the above are parts of the hydrological cycle?

- A) 1 and 3
- B) 1, 2 and 3
- C) 1, 2 and 4
- D) All of the above

4) Water enters the atmosphere mainly by the process of:

- A) Condensation
- B) Precipitation
- C) Evaporation
- D) Only a and b

5) Match the following:

1. Sublimation – Water storage in oceans
2. Condensation – Water in the atmosphere
3. Snowmelt runoff – Water storage in ice and snow

Which of the above is/are correctly matched?

- A) 2 only
- B) 1 and 3
- C) 3 only
- D) All of the above

6) Ocean relief is largely due to the processes of:

- 1. Tectonic
- 2. Volcanic
- 3. Erosional
- 4. Depositional

How many of the above are correct?

- A) 3 and 4 only
- B) 1 and 2 only
- C) All of the above
- D) None of the above

7) \_\_\_\_\_ are confined to the great depressions of the Earth's outer layer.

- A) Land
- B) Sea
- C) Oceans
- D) All of the above

8) Consider the following statements:

- 1. A major portion of the ocean floor is found between 3–6 km below sea level.
- 2. The features of the ocean floor are formed only by tectonic movements.

Which of the above statements is/are incorrect?

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

9) The ocean floor can be divided into:

- 1. Continental shelf
- 2. Continental slope
- 3. Deep sea plains
- 4. Seamounts
- 5. Guyots

Which of the above are major relief features?

- A) 1, 2 and 3 only
- B) 3 and 5
- C) 3, 4 and 5

D) 1 and 5

10) Which of the following refers to smaller-scale, less prominent physical features on the ocean floor that contribute to its complex topography?

- A) Guyots
- B) Continental slopes
- C) Oceanic deeps
- D) None of the above

11) \_\_\_\_\_ is the extended margin of each continent occupied by relatively shallow seas and gulfs.

- A) Continental slope
- B) Continental shelf
- C) Oceanic deeps
- D) Abyssal plain

12) Consider the following statements:

1. The width of continental shelves varies from one ocean to another.
2. The average width of continental shelves is about 80 km.

Which of the above statements is/are correct?

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

13) Which of the following is the largest continental shelf in the world?

- A) Siberian shelf
- B) Sunda shelf
- C) Bering shelf
- D) Grand Banks

14) Which shelf was exposed during the last Ice Age and may have served as a land bridge for human migration from Siberia to Alaska?

- A) Persian shelf
- B) Siberian shelf
- C) Bering shelf
- D) Coasts of Chile

15) Massive sedimentary deposits received over a long period by \_\_\_\_\_ become the source of fossil fuels.

- A) Continental shelves
- B) Continental slope
- C) Oceanic deeps
- D) Abyssal plain

16) The dominant sediment type of continental shelves is:

- A) Biogenous
- B) Terrigenous

- C) Calcareous
- D) Cosmogenous

17) **Continental shelves are absent or narrow along tectonically active margins known as:**

- A) Continental ridges
- B) Continental slopes
- C) Continental shelves
- D) Deep sea plains

18) **Continental shelves are the result of submergence of:**

- A) Erosional processes
- B) Sediment deposition
- C) Tectonic effects
- D) All of the above

19) **Statement: Continental shelf is a steep slope.**

**Choose the correct option:**

- A) Given statement is correct
- B) Given statement is incorrect
- C) Given statement is not fully completed
- D) Given statement is not found

20) **Consider the following with reference to the significance of continental shelves:**

1. They are rich in nutrients and support a variety of marine life, making them prime fishing areas.
2. They increase the height of tides.

**Which of the above is/are correct?**

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

21) **Which of the following, recently seen in the news, is a historic example of a large meltwater lake?**

- A) Lake Agassiz
- B) East Greenland lake
- C) Lake Lahontan
- D) Lake Chicago

22) \_\_\_\_\_ are temporary pools of meltwater that form on the surface of glaciers and ice sheets, particularly during warmer seasons.

- A) Proglacial lakes
- B) Volcanic lakes
- C) Supraglacial lakes
- D) None of the above

23) A large hydrothermal vent field on the shallow seafloor, recently discovered by scientists, was found near:

- A) Greek island of Milos
- B) Baffin Island
- C) Greenland
- D) Madagascar

24) The largest island in the world is:

- A) Madagascar
- B) Greenland
- C) Borneo
- D) New Guinea

25) Which is the largest island in Asia?

- A) Pulau Borneo
- B) East Timor
- C) Hokkaido
- D) Sri Lanka

#### ANSWER KEY

1) B	2) A	3) B	4) C	5) A	6) C	7) C	8) B	9) A	10) A
11) B	12) C	13) A	14) C	15) A	16) B	17) C	18) D	19) B	20) A
21) A	22) C	23) A	24) B	25) A					

## ECONOMICS

- A. DHIVYA STEPHENA, I MA

1) What is the theory that explains the effects of devaluation on balance of trade?

- A) K theory
- B) J theory
- C) Philips Curve theory
- D) Mercantilism theory

2) Which theory is primarily used to describe recovery pattern in economic crises?

- A) K theory
- B) Philips Curve theory
- C) J theory
- D) Mercantilism theory

3) Who is responsible for calculating GDP in India?

- A) Reserve Bank of India
- B) Central Board of Direct Taxes
- C) National Statistical Office (NSO)
- D) Planning Commission

**4) Why is real GDP considering a better indicator rather than a nominal indicator?**

- A) It accounts for inflation
- B) It includes subsidies
- C) It measures economic welfare
- D) It exclude taxes

**5) In which year did the Government of India introduce value added tax (VAT) as an indirect tax in the Indian taxation system to replace the existing general sales taxes?**

- A) 2007
- B) 2005
- C) 2013
- D) 2011

**6) Historically, which feature best described India's economy at the time of independence (1947)?**

- A) Strong manufacturing base with modern technology
- B) Predominantly agrarian with low productivity
- C) Highly urbanised workforce
- D) High exports of industrial goods

**7) Which factor is *a challenge* rather than a strength of the Indian economy today?**

- A) Large labour force
- B) High population growth
- C) Growing service sector
- D) Mixed economy structure

**8) Which of the following *was not* a main characteristic of the Indian economy in 1947?**

- A) Low productivity in agriculture
- B) Predominance of industry over agriculture
- C) Land distribution inequality
- D) Reliance on traditional farming methods

**9) In comparison to developed economies, India has:**

- A) Higher capital-output ratio
- B) Lower dependency on agriculture
- C) Larger informal sector
- D) Fully organised labour market

**10) Compared to socialist economies, India follows:**

- A) Complete government control
- B) Market-based economy only
- C) Mixed economy approach
- D) Closed economy model

**11) India's economic growth after 1991 differs from the pre-1991 period mainly due to:**

- A) Increased agricultural dependence
- B) Liberalisation, privatisation, and globalisation
- C) Complete removal of public sector

D) Return to colonial trade policies

**12) Assertion (A): India follows a mixed economy, unlike pure capitalist economies such as the USA.**

**Reason (R): In India, both public and private sectors coexist in economic activities.**

- A) Both A and R are true and R explains A
- B) Both A and R are true but R does not explain A
- C) A is true but R is false
- D) A is false but R is true

**13) Match the economic system with the country example**

**List I**

- A. Capitalist economy
- B. Socialist economy
- C. Mixed economy
- D. Command economy

**List II**

- 1. India
- 2. Former USSR
- 3. USA
- 4. China (pre-reforms)

**Options:**

- a) A-3, B-2, C-1, D-4
- b) A-2, B-3, C-4, D-1
- c) A-1, B-4, C-3, D-2
- d) A-4, B-1, C-2, D-3

**14) Compared to developed economies, India shows higher dependence on agriculture mainly in terms of:**

- A) GDP contribution
- B) Export earnings
- C) Employment share
- D) Capital formation

**15) Consider the following statements regarding the Indian economy:**

- 1. India has a mixed economy structure.
- 2. The service sector employs the largest share of the workforce.
- 3. Agriculture contributes more to employment than to GDP.

**Which of the statements given above is/are correct?**

- A) 1 only
- B) 1 and 3 only
- C) 2 and 3 only
- D) 1, 2 and 3

**16) Consider the following pairs:**

Feature	Associated with Indian Economy
Dualism	Yes
Capital abundance	Yes
Informal employment	Yes
High dependency ratio	Yes

Feature	Associated with Indian Economy
<b>Dualism</b>	<b>Yes</b>
<b>Capital abundance</b>	<b>Yes</b>
<b>Informal employment</b>	<b>Yes</b>
<b>High dependency ratio</b>	<b>Yes</b>

**How many of the above are correctly matched?**

- A) Only one
- B) Only two
- C) Only three
- D) All four

**17) Which of the following situations best reflects *economic dualism* in India?**

- A) Coexistence of public and private sectors
- B) Presence of both modern IT firms and traditional agriculture
- C) Coexistence of rich and poor states
- D) Existence of rural and urban areas

**18) With reference to developing economies like India:**

1. Capital is relatively scarce.
2. Labour is relatively abundant.
3. Marginal productivity of labour is uniformly high.

**Which of the statements given above is/are INCORRECT?**

- A) 3 only
- B) 1 and 2 only
- C) 2 and 3 only
- D) 1, 2 and 3

**19) Which statement best reflects the scope difference?**

- A) Economy is dynamic, Economics is static
- B) Economy is value – free, Economics is value – loaded
- C) Economy is an object of study, Economics is a discipline
- D) Economy is global, Economics is national

**20) Which of the following statements correctly distinguishes *Economy* from *Economics*?**

- A) Economy is a theoretical concept, while Economics is a practical system
- B) Economy refers to the system of production and consumption, while Economics is the study of that system
- C) Economy is a branch of social science, while Economics is a market mechanism
- D) Economy deals only with money, while Economics deals with human welfare

**21) Which statement captures the *ontological* nature of an economy?**

- A) It is a normative framework
- B) It is a predictive science
- C) It is a mathematical abstraction
- D) It is a real social system embedded in institutions

**22) An economy can exist even in the absence of:**

- A) Scarcity
- B) Money
- C) Exchange
- D) Choice

**23) “An economy is value-laden, whereas economics strives to be value-neutral.” this distinction is BEST reflected in:**

- A) Positive vs Normative economics
- B) Micro vs Macroeconomics
- C) Static vs Dynamic analysis
- D) Partial vs General equilibrium

**24) Which of the following statements is INCORRECT regarding an economy?**

- A) It evolves over time
- B) It reflects institutional arrangements
- C) It operates under resource constraints
- D) It is free from social and political influences

**25) A famine occurring despite adequate food production highlights a failure of:**

- A) Economics
- B) Natural resources
- C) Economy’s distribution mechanism
- D) Agricultural technology

**ANSWER KEY**

<b>1) B</b>	<b>2) A</b>	<b>3) C</b>	<b>4) A</b>	<b>5) B</b>	<b>6) B</b>	<b>7) B</b>	<b>8) B</b>	<b>9) C</b>	<b>10) C</b>
<b>11) B</b>	<b>12) A</b>	<b>13) A</b>	<b>14) C</b>	<b>15) B</b>	<b>16) C</b>	<b>17) B</b>	<b>18) A</b>	<b>19) C</b>	<b>20) B</b>
<b>21) D</b>	<b>22) B</b>	<b>23) A</b>	<b>24) D</b>	<b>25) C</b>					

## **AGRICULTURE & ALLIED SECTORS**

### **AGRICULTURE**

- A. MURALI, I MA

1) **What is the primary objective of the National Mission on Sustainable Agriculture?**

- A) Increase crop exports
- B) Promote sustainable farming
- C) Enhance dairy production
- D) Reduce irrigation dependency

2) **Which crop is known as a coarse grain?**

- A) Rice
- B) Wheat
- C) Jowar
- D) Pulses

3) **Which state is known for its sericulture industry?**

- A) Meghalaya
- B) Punjab
- C) Rajasthan
- D) Karnataka

4) **What is the primary focus of the Rashtriya Krishi Vikas Yojana (RKVY)?**

- A) Increase agricultural productivity
- B) Promote urban farming
- C) Enhance export markets
- D) Reduce pesticide use

5) **Which crop is associated with the Red Revolution?**

- A) Tomato production
- B) Meat production
- C) Onion production
- D) Both A and B

6) **Which state is a major producer of groundnut?**

- A) Gujarat
- B) Maharashtra
- C) Andhra Pradesh
- D) Tamil Nadu

7) **What is the main purpose of the Soil Health Card Scheme?**

- A) Provide crop insurance
- B) Improve soil fertility
- C) Enhance irrigation
- D) Promote seed distribution

8) **Which crop is grown in the Deccan Plateau?**

- A) Rice

- B) Cotton
- C) Wheat
- D) Sugarcane

9) Which revolution is linked to floriculture?

- A) Silver Revolution
- B) Pink Revolution
- C) Rainbow Revolution
- D) Golden Revolution

10) Which state is the largest producer of tobacco?

- A) Andhra Pradesh
- B) Gujarat
- C) Karnataka
- D) Uttar Pradesh

11) What is the primary goal of the National Food Security Mission?

- A) Increase food grain production
- B) Promote organic farming
- C) Enhance dairy production
- D) Improve irrigation systems

12) Which crop is known as a plantation crop?

- A) Wheat
- B) Rice
- C) Tea
- D) Pulses

13) Which state is a major producer of rubber?

- A) Kerala
- B) Karnataka
- C) Tamil Nadu
- D) Andhra Pradesh

14) What is the main objective of the Paramparagat Krishi Vikas Yojana (PKVY)?

- A) Reduce pesticide use
- B) Enhance irrigation facilities
- C) Increase seed production
- D) Promote organic farming

15) Which crop is associated with the Black Revolution?

- A) Petroleum production
- B) Coal production
- C) Biofuel production
- D) Fertilizer production

16) Which state is known for its apple production?

- A) Himachal Pradesh
- B) Uttar Pradesh

- C) Punjab
- D) Rajasthan

17) Which crop is grown in the laterite soil of India?

- A) Rice
- B) Cashew
- C) Wheat
- D) Cotton

18) Which revolution is associated with egg and poultry production?

- A) Silver Revolution
- B) Yellow Revolution
- C) Blue Revolution
- D) Green Revolution

19) Which state is a major producer of jute?

- A) West Bengal
- B) Bihar
- C) Assam
- D) Odisha

20) What is the primary goal of the e-NAM portal?

- A) Promote organic farming
- B) Enhance market linkages
- C) Increase irrigation facilities
- D) Improve soil testing

21) Which crop is known as a fiber crop?

- A) Rice
- B) Pulses
- C) Wheat
- D) Cotton

22) Which state is a major producer of soybeans?

- A) Punjab
- B) Uttar Pradesh
- C) Madhya Pradesh
- D) Haryana

23) What is the main purpose of the Kisan Credit Card scheme?

- A) Provide crop insurance
- B) Offer affordable credit to farmers
- C) Promote organic farming
- D) Enhance irrigation facilities

24) Which crop is associated with the Rainbow Revolution?

- A) Oilseed production
- B) Dairy production
- C) Fish production

D) All agricultural sectors

25) Which state is known for its cardamom production?

- A) Kerala
- B) Tamil Nadu
- C) Karnataka
- D) Andhra Pradesh

**ANSWER KEY**

<b>1)</b> B	<b>2)</b> C	<b>3)</b> D	<b>4)</b> A	<b>5)</b> D	<b>6)</b> A	<b>7)</b> B	<b>8)</b> B	<b>9)</b> D	<b>10)</b> A
<b>11)</b> A	<b>12)</b> C	<b>13)</b> A	<b>14)</b> D	<b>15)</b> C	<b>16)</b> A	<b>17)</b> B	<b>18)</b> A	<b>19)</b> A	<b>20)</b> B
<b>21)</b> D	<b>22)</b> C	<b>23)</b> B	<b>24)</b> D	<b>25)</b> A					

## ANIMAL HUSBANDRY

- A. DHIVYA STEPHENA, I MA

**1) What's the primary goal of animal husbandry?**

- A) Breed pets
- B) Maximize production efficiency
- C) Conserve wildlife
- D) Study animal behaviour

**2) Which factor is crucial for dairy cattle productivity?**

- A) Breed only
- B) Nutrition and health management
- C) Housing alone
- D) Regular vaccination

**3) What does 'biosecurity' mean in animal husbandry?**

- A) Keeping animals indoors
- B) Preventing disease spread
- C) Increasing production
- D) Breeding fast-growing animals

**4) Which breed is known for high milk yield?**

- A) Holstein
- B) Jersey
- C) Brahman
- D) Both A & B

**5) What's the role of colostrum in new-born animals?**

- A) Provides carbohydrates
- B) Boosts immunity
- C) Aids digestion
- D) Regulates temperature

**6) What's oestrus synchronization' in animal husbandry?**

- A) Breeding animals randomly
- B) Managing animal diets
- C) Aligning breeding cycles
- D) Reducing stress

**7) Which is a common poultry disease?**

- A) Foot-and-mouth
- B) Newcastle disease
- C) Anthrax
- D) Mastitis

**8) What's the benefit of crossbreeding animals?**

- A) Reduced productivity
- B) Hybrid vigor
- C) Inbreeding depression
- D) Lower maintenance

**9) How often should dairy cows be milked?**

- A) Once a day
- B) Twice a day
- C) Thrice a day
- D) As they wish

**10) What's 'silage' used for in animal husbandry?**

- A) Animal feed preservation
- B) Medicine
- C) Fertilizer
- D) Pest control

**11) Which parasite affects livestock productivity?**

- A) Tapeworm
- B) Earthworm
- C) Roundworm
- D) Both A & C

**12) What's the purpose of shearing sheep?**

- A) To get wool
- B) For hygiene
- C) Improve health
- D) All of these

**13) What's 'artificial insemination'?**

- A) Natural breeding
- B) Breeding using tech
- C) Embryo transfer
- D) Cloning

**14) Which nutrient is crucial for animal growth?**

- A) Carbohydrates
- B) Proteins
- C) Fats
- D) All of these

**15) What causes 'mastitis' in cattle?**

- A) Bacterial infection
- B) Viral infection
- C) Injury
- D) Genetic disorder

**16) What's the ideal temperature for poultry?**

- A) 10-20°C
- B) 20-30°C
- C) 30-40°C
- D) 40-50°C

**17) Why is vaccination important?**

- A) Prevents diseases
- B) Increases size
- C) Improves color
- D) Enhances taste

**18) What's 'culling' in animal husbandry?**

- A) Breeding best animals
- B) Removing unproductive animals
- C) Increasing population
- D) Treating sick animals

**19) Which animal is used for wool production?**

- A) Sheep
- B) Goat
- C) Cow
- D) Both A & B

**20) What's the benefit of balanced animal feed?**

- A) Increased production
- B) Reduced cost
- C) Better health
- D) All of these

**21) How's animal waste used?**

- A) As fertilizer
- B) As food
- C) For construction
- D) For medicine

**22) What is 'stress' impact on animals?**

- A) Increases productivity
- B) Reduces productivity
- C) No impact
- D) Kills them instantly

**23) Which is a method of fish farming?**

- A) Aquaculture
- B) Horticulture
- C) Sericulture
- D) Apiculture

**24) What's 'brooding' in poultry?**

- A) Feeding chicks
- B) Keeping chicks warm
- C) Vaccinating chicks
- D) Breeding birds

**25) Why is clean water vital for livestock?**

- A) Hydration
- B) Digestion
- C) Prevents diseases
- D) All of these

## ANSWER KEY

<b>1)</b> B	<b>2)</b> B	<b>3)</b> B	<b>4)</b> D	<b>5)</b> B	<b>6)</b> C	<b>7)</b> B	<b>8)</b> B	<b>9)</b> B	<b>10)</b> A
<b>11)</b> D	<b>12)</b> D	<b>13)</b> B	<b>14)</b> D	<b>15)</b> A	<b>16)</b> B	<b>17)</b> A	<b>18)</b> B	<b>19)</b> D	<b>20)</b> D
<b>21)</b> A	<b>22)</b> B	<b>23)</b> A	<b>24)</b> B	<b>25)</b> D					

**SCIENCE & TECHNOLOGY**  
**SPACE ADMINISTRATION**

- **S. SABARITHA (ALUMNI)**

**1) Space administration primarily refers to:**

- A) Scientific exploration of planets
- B) Governance and regulation of space activities
- C) Study of atmospheric layers
- D) Military control of airspace

**2) Which treaty is regarded as the foundation of international space law?**

- A) Moon Agreement, 1979
- B) Liability Convention, 1972
- C) Outer Space Treaty, 1967
- D) Registration Convention, 1975

**3) The principle of peaceful use of outer space is emphasized in:**

- A) Antarctic Treaty
- B) Outer Space Treaty
- C) Geneva Convention
- D) Vienna Convention

**4) Which UN body promotes international cooperation in space activities?**

- A) UNESCO
- B) UNEP
- C) UNCOPUOS
- D) UNDP

**5) Space administration is most closely related to which branch of Public Administration?**

- A) Welfare Administration

- B) Financial Administration
- C) Science and Technology Administration
- D) Development Administration

6) **Space debris is a major concern of space administration because it threatens:**

- A) Climate stability
- B) Satellite operations
- C) Ocean ecosystems
- D) Human settlements

7) **In India, the Department of Space functions under the control of:**

- A) Ministry of Science and Technology
- B) Ministry of Defence
- C) Prime Minister's Office
- D) Ministry of External Affairs

8) **IN-SPACe was established mainly to:**

- A) Conduct space research
- B) Launch satellites
- C) Regulate private space activities
- D) Handle space diplomacy

9) **Which Indian organization commercializes space products and services?**

- A) ISRO
- B) DRDO
- C) IN-SPACe
- D) NSIL

10) **Space administration reflects a shift from government to:**

- A) Bureaucracy

- B) Governance
- C) Centralization
- D) Politics

11) Outer space is often described as part of the global:

- A) Territory
- B) Commons
- C) Airspace
- D) Market

12) Liability for damage caused by space objects is governed by:

- A) Chicago Convention
- B) Geneva Convention
- C) Liability Convention, 1972
- D) Vienna Convention

13) Allocation of orbital slots and radio frequencies is carried out by:

- A) UN General Assembly
- B) World Bank
- C) ITU
- D) UNESCO

14) Which of the following is a major contemporary challenge to space administration?

- A) Urbanization
- B) Space debris
- C) Inflation
- D) Population growth

15) The principle that no nation can claim sovereignty over outer space is known as:

- A) Territorial sovereignty

- B) National appropriation
- C) Common heritage of mankind
- D) Strategic autonomy

**16) Space diplomacy refers to:**

- A) Military use of satellites
- B) Commercial exploitation of space
- C) International cooperation in space activities
- D) Scientific isolation

**17) Increasing private sector participation in space activities reflects:**

- A) Classical administration
- B) New Public Management
- C) Marxist administration
- D) Traditional bureaucracy

**18) Which of the following is NOT part of space administration?**

- A) Space law
- B) Space policy
- C) Space security
- D) Agricultural policy

**19) Space administration contributes to disaster management mainly through:**

- A) Weather modification
- B) Satellite-based monitoring
- C) Manual surveys
- D) Ground patrols

**20) Which convention mandates the registration of space objects?**

- A) Moon Agreement

- B) Registration Convention, 1975
- C) Liability Convention
- D) Geneva Convention

**21) Space administration operates primarily at:**

- A) Local level
- B) State level
- C) National and global levels
- D) Village level

**22) Shared responsibility among nations in space governance is explained by:**

- A) Bureaucratic control
- B) Federalism
- C) Global governance
- D) Centralization

**23) Militarization of outer space is restricted mainly by:**

- A) UNCOPUOS resolutions
- B) ITU regulations
- C) Outer Space Treaty
- D) Space startups

**24) Growth of private space companies has increased the need for:**

- A) Reduced regulation
- B) Strong regulatory framework
- C) Complete privatization
- D) Elimination of state role

**25) Space administration indicates the expansion of:**

- A) Welfare state

B) Global regulatory regimes

C) Local self-government

D) Classical bureaucracy

**ANSWER KEY**

1) B	2) C	3) B	4) C	5) C	6) B	7) C	8) C	9) D	10) B
11) B	12) C	13) C	14) B	15) C	16) C	17) B	18) D	19) B	20) B
21) C	22) C	23) C	24) B	25) B					

## ARTIFICIAL INTELLIGENCE

- S. BARATH KUMAR, II MA

**1) Using AI in government services is mainly intended to**

- A) Replace democracy
- B) Improve efficiency & service delivery
- C) Increase paperwork
- D) Reduce computer usage

**2) AI-based grievance redressal systems help citizens by**

- A) Blocking complaints
- B) Automatically sorting and resolving complaints
- C) Increasing corruption
- D) Reducing transparency

**3) “Bhashini” platform launched by Government of India helps citizens by**

- A) Providing multilingual AI-based language translation
- B) Providing free broadband
- C) Conducting online exams
- D) Providing ration

**4) AI-powered systems in health sector help in**

- A) Disease diagnosis
- B) Medical image analysis
- C) Predicting outbreaks
- D) All the above

**5) Use of AI in agriculture helps farmers by**

- A) Crop yield prediction
- B) Soil health monitoring
- C) Pest & disease detection
- D) All the above

**6) AI-based “Smart Traffic Management” helps**

- A) Reduce traffic congestion
- B) Increase traffic congestion
- C) Destroy roads
- D) Reduce road quality

**7) Use of AI in education allows**

- A) Personalized learning
- B) Digital tutoring
- C) Performance analysis
- D) All the above

**8) AI-based crime analytics is mainly used by**

- A) Police & Law enforcement
- B) Tourism department

- C) Food department
- D) Forest department

**9) AI-based facial recognition at government offices mainly helps in**

- A) Attendance management & verification
- B) Gaming
- C) Cryptocurrency trading
- D) Online shopping

**10) AI in Disaster Management helps in**

- A) Flood prediction
- B) Cyclone tracking
- C) Earthquake alert models
- D) All the above

**11) India uses AI for welfare schemes through**

- A) Direct Benefit Transfer (DBT) fraud detection
- B) Aadhaar-based verification
- C) Scheme targeting & beneficiary identification
- D) All the above

**12) NITI Aayog promotes AI in India through mission**

- A) AI for India
- B) AIRAWAT
- C) Aadhar Vision
- D) Digital India II

**13) AI in judiciary is used for**

- A) Case categorization
- B) Legal research search tools
- C) Predictive analytics to reduce pendency
- D) All the above

**14) AI-powered chatbots in government websites help public by**

- A) Giving 24x7 information & guidance
- B) Closing all services
- C) Hiding documents
- D) Increasing penalty

**15) AI in healthcare screening helps**

- A) Early cancer detection
- B) Diabetic retinopathy detection
- C) TB detection through x-ray analysis
- D) All the above

**16) Use of AI in public transportation benefits people by**

- A) Optimizing routes & reducing waiting time
- B) Making buses invisible
- C) Removing seat belts
- D) Reducing passengers

**17) Use of AI in citizen services contributes to**

- A) Transparency
- B) Accountability
- C) Faster delivery
- D) All the above

**18) AI for differently-abled helps in**

- A) Speech-to-text assistance
- B) Navigation tools
- C) Assistive communication devices
- D) All the above

**19) One ethical concern of using AI in government**

- A) Data privacy & surveillance
- B) Free electricity
- C) Textile production
- D) Vehicle tax

**20) AI supports Digital India by enabling**

- A) Digital governance
- B) Digital payments
- C) Language translation AI
- D) All the above

**21) In 2025, the Government of India expanded the “IndiaAI Mission” to focus on**

- A) AI toys
- B) Compute infrastructure, datasets & innovation hubs
- C) Sports equipment
- D) Road construction

**22) In January 2025, the Government launched AI language support in PM GatiShakti platform mainly for**

- A) Logistics planning
- B) Jewellery sales
- C) Sports livestreams
- D) Cinema distribution

**23) In 2025, UIDAI tested AI-based biometric verification to reduce**

- A) School attendance
- B) Aadhaar fraud
- C) Water taxes
- D) Electricity bills

**24) In late 2024–2025, AI-based crop monitoring under Digital Agriculture Mission supported**

- A) Crop insurance claims
- B) Mobile games
- C) Train movies
- D) EV sales

**25) National Health Mission in 2025 expanded AI screening for**

- A) Diabetes & Cancer detection
- B) Table Tennis
- C) Film promotion
- D) Chess coaching

**26) In 2025, Indian Railways piloted AI analytics for**

- A) Predictive maintenance of tracks & wagons
- B) Free snacks
- C) Passenger singing competitions
- D) Ticket cancellation

**ANSWER KEY**

<b>1) B</b>	<b>2) B</b>	<b>3) A</b>	<b>4) D</b>	<b>5) D</b>	<b>6) A</b>	<b>7) D</b>	<b>8) A</b>	<b>9) A</b>	<b>10) D</b>
<b>11) D</b>	<b>12) B</b>	<b>13) D</b>	<b>14) A</b>	<b>15) D</b>	<b>16) A</b>	<b>17) D</b>	<b>18) D</b>	<b>19) A</b>	<b>20) D</b>
<b>21) B</b>	<b>22) A</b>	<b>23) B</b>	<b>24) A</b>	<b>25) A</b>	<b>26) A</b>				

## NANOTECHNOLOGY

- S. PRIYADHARSHINI (ALUMNI)

- 1) Which facility recently spotlighted breakthroughs in nanofabrication at its 2025 Annual Meeting?
  - A) MIT Nano Lab
  - B) Cornell CNF
  - C) Stanford Nano Center
  - D) Tokyo Nanotech Institute
- 2) What advanced technique did researchers at the University of Cambridge discover for powering insulating nanoparticles?
  - A) Magnetic resonance
  - B) Solar pumping
  - C) Organic molecule antennas
  - D) High-frequency lasers
- 3) The Cornell CNF Annual Meeting brought together researchers mainly for advances in \_\_\_\_\_.
  - A) Genetic editing
  - B) Micro- and nanotechnology
  - C) Deep-sea robotics
  - D) Quantum computing hardware
- 4) Which major U.S. agency announced a CHIPS R&D letter of intent for Extreme Ultraviolet Lithography?
  - A) NASA
  - B) NIST
  - C) NIH
  - D) DOE
- 5) What type of technology is described as generating extremely pure near-infrared light at low voltages?
  - A) Nanobattery arrays
  - B) Hybrid nanoparticle LEDs
  - C) Graphene transistors
  - D) Quantum dots
- 6) A breakthrough brings printable electronics closer by solving material behavior issues in:
  - A) 3D-printed metals
  - B) Layered materials
  - C) Polymer nanofluids
  - D) Quantum wires
- 7) According to ScienceDaily's reports, what catalyst mix broke a decade-old green chemistry record?
  - A) Silver, platinum, and copper

- B) Gold, manganese, and copper
- C) Iron, nickel, and cobalt
- D) Aluminum and silicon

8) ScienceDaily reported a catalyst made from paper mill waste that could help produce \_\_\_\_.

- A) Biofuel
- B) Hydrogen
- C) Methane
- D) Ethanol

9) Which material, according to ScienceDaily Dec 26 2025, exhibited superconductivity only on its outer surfaces?

- A) Platinum-bismuth-two crystal
- B) Graphene polymer
- C) Silicon carbide
- D) Aluminum oxide

10) Which upcoming nanotechnology exhibition was updated in late 2025 for Dec 2026?

- A) NanoTech Europe
- B) nano tech (Tokyo)
- C) Asian Nano Expo
- D) Global Nano Summit

11) One reported application of nanocarriers in recent nanomedicine research targets overcoming drug resistance in \_\_\_\_.

- A) Lung cancer
- B) Pancreatic cancer
- C) Skin cancer
- D) Brain cancer

12) Which organization's nanomedicine meeting was held in Hong Kong in December 2025?

- A) WHO Nanomed
- B) IEEE-NANOMED
- C) UN Nanotech Forum
- D) NSF NanoHealth

13) A nanotechnology advance reported involved nanoparticle antennas for \_\_\_\_.

- A) Drug delivery
- B) Light emission
- C) Battery storage
- D) Heat conduction

14) Which field saw early research success using precise nanoparticle control to generate near-infrared light?

- A) Quantum computing
- B) Advanced communications
- C) Water purification

D) Structural materials

15) According to ScienceDaily, which industry could benefit from low-cost printable electronics?

- A) Transportation manufacturing
- B) Wearable sensors
- C) Textile design
- D) Space exploration

16) Which nanotechnology breakthrough could help flexible displays become more feasible?

- A) Carbon nanotube synthesis
- B) Printable electronics framework
- C) DNA nanobots
- D) Nano-optical waveguides

17) One key research theme in nanotechnology news is enhancing speed of charge movement in \_\_\_\_.

- A) Nanofluids
- B) Layered semiconductor materials
- C) Nanocrystalline alloys
- D) Polymer networks

18) The IEDM typically features presentations on which of the following?

- A) Nanoscale device physics
- B) Drug delivery systems
- C) Nanomedicine clinical trials
- D) Environmental nanotoxicology

19) Which research area involves nanoparticles that behave as tiny antennas?

- A) Sensing
- B) Power harvesting
- C) Optical emission
- D) Thermal regulation

20) ScienceDaily reported a breakthrough in ultrasonically producing \_\_\_\_.

- A) Drinking water from air
- B) Hydrogen fuel
- C) Nanobatteries
- D) Graphene sheets

21) Nanotechnology research on catalysts that produce ammonia focuses on \_\_\_\_.

- A) Nitrate reduction
- B) Carbon dioxide splitting
- C) Water electrolysis
- D) Nitrogen fixation

22) Which breakthrough involves nanoparticle-enhanced electrodes that can sense on skin?

- A) Printable graphene networks
- B) Light-printed electrodes
- C) Nano-membrane filters
- D) Quantum dots

23) A breakthrough improving germanium's charge mobility could impact \_\_\_\_.

- A) Solar cells
- B) High-speed chips
- C) Nanobots
- D) Battery life

24) The term "atomic antennas" refers to:

- A) Plasmons in nanoscale gaps
- B) Nanobot locomotion
- C) Radiofrequency transducers
- D) Graphene sensors

#### ANSWER KEY

<b>1)</b> B	<b>2)</b> C	<b>3)</b> B	<b>4)</b> B	<b>5)</b> B	<b>6)</b> B	<b>7)</b> B	<b>8)</b> B	<b>9)</b> A	<b>10)</b> B
<b>11)</b> B	<b>12)</b> B	<b>13)</b> B	<b>14)</b> B	<b>15)</b> B	<b>16)</b> B	<b>17)</b> B	<b>18)</b> A	<b>19)</b> C	<b>20)</b> A
<b>21)</b> A	<b>22)</b> B	<b>23)</b> B	<b>24)</b> A						

## **SCIENCE ( PHYSICAL & LIFE SCIENCES )**

### **PHYSICS**

- R. SANTHOSH, II MA

**1) Gravitational waves were first directly detected in:**

- A) 2010
- B) 2012
- C) 2015
- D) 2018

**2) The unit used to measure gravitational wave strain is:**

- A) Newton
- B) Hertz
- C) Dimensionless
- D) Joule

**3) A photon has a frequency of  $6 \times 10^{14}$  Hz. Its energy is approximately ( $h = 6.6 \times 10^{-34}$  Js)**

- A)  $3.396 \times 10^{-19}$  J
- B)  $9.9 \times 10^{-20}$  J
- C)  $1.1 \times 10^{-18}$  J
- D)  $6.6 \times 10^{-20}$  J

**4) Which particle gives mass to fundamental particles?**

- A) Photon
- B) Neutrino
- C) Higgs boson
- D) Gluon

**5) If the wavelength of light used in a photoelectric experiment is doubled, the energy of emitted electrons will:**

- A) Double
- B) Become half
- C) Increase four times
- D) Become zero

**6) A qubit can exist in more than one state simultaneously due to:**

- A) Tunneling
- B) Decoherence
- C) Superposition
- D) Polarization

**7) The escape velocity from Earth is approximately:**

- A) 7.9 km/s
- B) 9.8 km/s
- C) 11.2 km/s
- D) 15 km/s

**8) Dark matter is inferred mainly from:**

- A) Emission spectra
- B) Gravitational effects
- C) Electric fields
- D) Nuclear reactions

**9) The acceleration of the universe is attributed to:**

- A) Dark matter
- B) Dark energy
- C) Black holes
- D) Neutrinos

**10) A satellite moves in a circular orbit close to Earth. Its time period depends mainly on:**

- A) Mass of satellite
- B) Radius of Earth
- C) Gravitational constant
- D) Orbital radius

**11) The James Webb Space Telescope primarily observes in:**

- A) Ultraviolet
- B) Visible
- C) Infrared
- D) X-rays

**12) A body of mass 2 kg moves with velocity 5 m/s. Its kinetic energy is:**

- A) 10 J
- B) 20 J
- C) 25 J
- D) 50 J

**13) Nuclear fusion in the Sun converts:**

- A) Mass into energy
- B) Energy into mass
- C) Protons into neutrons only
- D) Heat into light

**14) Deuterium and tritium are used in fusion because they:**

- A) Are abundant
- B) Have high atomic number
- C) Require lower fusion temperature
- D) Are radioactive

**15) ITER project aims to produce energy using:**

- A) Nuclear fission
- B) Chemical reactions
- C) Nuclear fusion
- D) Solar cells

**16) A current of 2 A flows through a resistor of  $5 \Omega$ . The potential difference is:**

- A) 2 V
- B) 5 V
- C) 7 V
- D) 10 V

**17) Neutrinos are:**

- A) Charged and massive
- B) Neutral and nearly massless
- C) Massless photons
- D) Composite particles

**18) Superconductors show zero resistance below:**

- A) Room temperature
- B) Melting point
- C) Critical temperature
- D) Absolute zero only

**19) A superconducting material expels magnetic fields due to:**

- A) Hall effect
- B) Doppler effect
- C) Meissner effect
- D) Zeeman effect

**20) If frequency of a wave is doubled, its wavelength (in same medium) becomes:**

- A) Double
- B) Half
- C) Four times
- D) Same

**21) The Schwarzschild radius of a black hole depends on:**

- A) Charge only
- B) Spin only
- C) Mass only
- D) Temperature

**22) A lens has focal length 20 cm. Its power is:**

- A) +2 D
- B) +4 D
- C) +5 D
- D) +10 D

**23) Which radiation is used in cancer radiotherapy?**

- A) Infrared
- B) Microwaves
- C) Gamma rays
- D) Radio waves

**24) If work done is zero, then the angle between force and displacement is:**

- A)  $0^\circ$
- B)  $30^\circ$
- C)  $60^\circ$
- D)  $90^\circ$

**25) A 60 W bulb is used for 5 hours. Energy consumed is:**

- A) 0.1 kWh
- B) 0.2 kWh
- C) 0.3 kWh
- D) 0.5 kWh

**ANSWER KEY**

1) C	2) C	3) A	4) C	5) B	6) C	7) C	8) B	9) B	10) D
11) C	12) C	13) A	14) C	15) C	16) D	17) B	18) C	19) C	20) B
21) C	22) C	23) C	24) D	25) C					

## CHEMISTRY

- A. AMIRTHA VARSHINI (ALUMNI)

- 1) Which one of the following is commonly used for pulp bleaching in the paper industry?
  - A) Mild Sulphuric acid
  - B) Glucose isomerase
  - C) Hydrogen peroxide
  - D) Iodine and water
- 2) Which is the primary acid present in ripe bananas?
  - A) Formic Acid
  - B) Sulphuric Acid
  - C) Malic Acid
  - D) Hydrochloric Acid
- 3) The pH of lemon juice is expected to be:
  - A) Equal to 7
  - B) Nothing can be predicted
  - C) Less than 7
  - D) More than 7
- 4) Which of the following is the symbol of the metal that occurs in liquid form at ordinary temperature?
  - A) K
  - B) Ag
  - C) Pb
  - D) Hg
- 5) Which of the following is not a metalloid?
  - A) Boron
  - B) Silicon
  - C) Germanium
  - D) Titanium
- 6) Which of the following are two predominant acids of acid rain?
  - A) sulphuric acid and nitric acid
  - B) carbonic acid and hydrochloric acid
  - C) nitric acid and hydrochloric Acid
  - D) hydrofluoric acid and hydrochloric Acid
- 7) Which among the following types of glasses contains Cerium and other rare earths and has a high absorption of ultraviolet rays?
  - A) Crookes Glass
  - B) Pyrex Glass
  - C) Flint Glass
  - D) Crown Glass
- 8) Which of the following gas is used to fill Ballons?

- A) Hydrogen
- B) Nitrogen
- C) Helium
- D) Neon

9) **Which Nobel Gas is also known as “Stranger Gas”?**

- A) Argon
- B) Neon
- C) Xenon
- D) Radon

10) **Which among the following impurity in drinking water causes the “Bamboo Spine” disorder?**

- A) Nitrate
- B) Fluorides
- C) Arsenic
- D) Sulphides

11) **Why was ethylene glycol in the Tamil Nadu news recently?**

- A) It was approved as a new medicine
- B) It was found in a cough syrup
- C) It was used in road construction
- D) It was added to drinking water

12) **Ethylene glycol is mainly used for which purpose?**

- A) Food preservative
- B) Antibiotic
- C) Antifreeze and industrial use
- D) Vitamin supplement

13) **Researchers designed plastics that can break down naturally using structures inspired by:**

- A) Metals
- B) DNA and proteins
- C) Traditional polymers
- D) Glass

14) **The green hydrogen and ammonia project in Andhra Pradesh will produce \_\_\_\_\_ by 2030**

- A) 0.5 MTPA
- B) 1.5 MTPA
- C) 5 MTPA
- D) 10 MTPA

15) **Which discovery could help end “forever plastics”?**

- A) Heat-resistant polymers
- B) Breakable plastics
- C) Stronger metals

D) More glass

16) India became the first country to commercially produce which sustainable material in road construction?

- A) Bio-plastics
- B) Green concrete
- C) Bio-bitumen
- D) Recycled rubber asphalt

17) The bio-bitumen project in India was aimed to reduce:

- A) Plastic use
- B) Crop residue burning pollution
- C) Carbon taxes
- D) Water pollution

18) Bio-bitumen technology in India supports the vision of:

- A) Viksit Bharat 2047
- B) Startup India
- C) Digital India
- D) Smart Cities

19) What is the chemical formula of ethylene glycol?

- A)  $C_2H_4O$
- B)  $C_2H_6O_2$
- C)  $C_3H_8O$
- D)  $C_4H_{10}O_2$

20) The chemical name of 2,4,5 T is

- A) 2,4-dinitro-5-dipropyl difluoro methyl benzene
- B) 2,4,5-trichloro phenoxy acetic acid
- C) 2,4-dichloro, 5-fluoro phenoxy acetic acid
- D) 2,4-dinitro-5-butylphenol

21) What is the nature of PH of Milk?

- A) Highly Acidic
- B) Highly Basic
- C) Slightly Basic
- D) Slightly Acidic

22) Which of the following has a strong fruity fragrance?

- A) Ethyl acetate
- B) Methanoic acid
- C) Methyl chloride
- D) Methanol

23) What is marble cancer?

- A) Disease in animals due to marble mines
- B) Corrosion of marble due to acid rain
- C) Cancer in human due to working in mines
- D) Soil degradation due to marble mines

24) Who is known as the “Father of Indian Chemistry”?

- A) PC Ray

- B) RA Mashelkar
- C) UN Brahamchari
- D) CNR Rao

25) What is the Chemical formula of “quartz”?

- A) SiO<sub>2</sub>
- B) SiO<sub>3</sub>
- C) SiO<sub>5</sub>
- D) SiO<sub>1</sub>

**ANSWER KEY**

<b>1)</b> C	<b>2)</b> C	<b>3)</b> C	<b>4)</b> D	<b>5)</b> D	<b>6)</b> A	<b>7)</b> A	<b>8)</b> C	<b>9)</b> C	<b>10)</b> B
<b>11)</b> B	<b>12)</b> C	<b>13)</b> B	<b>14)</b> B	<b>15)</b> B	<b>16)</b> C	<b>17)</b> B	<b>18)</b> A	<b>19)</b> B	<b>20)</b> B
<b>21)</b> D	<b>22)</b> A	<b>23)</b> B	<b>24)</b> A	<b>25)</b> A					

## BOTANY

- K. R. SUSHMA (ALUMNI)

**1) Botany is increasingly linked with food security because of**

- A) Urban gardening
- B) Climate-resilient crop research
- C) Afforestation drives
- D) Biofuels only

**2) Herbarium specimens are mainly used for**

- A) Genetic engineering
- B) Taxonomic studies
- C) Fertilizer production
- D) Irrigation planning

**3) Which of the following best explains the role of botany in climate change mitigation?**

- A) Carbon sequestration by plants
- B) Weather modification
- C) Artificial rainfall
- D) Ocean circulation

**4) Which of the following is an example of plant–microbe mutualism?**

- A) Lichen
- B) Parasitic plants
- C) Predatory plants
- D) Saprophytes

**5) Which institution is the nodal agency for plant taxonomy in India?**

- A) ICMR
- B) ICAR
- C) Botanical Survey of India
- D) Zoological Survey of India

**6) The discovery of Begonia Nyishiorum is important because it**

- A) Is a genetically modified species
- B) Is endemic to eastern himalayas
- C) Is a marine plant
- D) Is a desert plant

**7) In which form is nitrogen absorbed by plants mainly?**

- A)  $\text{NO}_2^-$
- B)  $\text{NO}_3^-$  AND  $\text{NH}_4^+$
- C)  $\text{N}_2$
- D)  $\text{NH}_3$

**8) Which process leads to cooling of plant surface?**

- A) Respiration
- B) Photosynthesis

- C) Transpiration
- D) Diffusion

**9) Which wavelength of light is most effective for photosynthesis?**

- A) Green
- B) Yellow
- C) Blue and Red
- D) Infrared

**10) Which element is a part of cytochromes?**

- A) Iron
- B) Magnesium
- C) Copper
- D) Zinc

**11) Which plant group contributes most to primary productivity on land?**

- A) Bryophytes
- B) Pteridophytes
- C) Angiosperms
- D) Gymnosperms

**12) Which part of chlorophyll absorbs maximum light energy?**

- A) Porphyrin ring
- B) Magnesium atom
- C) Phytol tail
- D) Protein complex

**13) Photorespiration occurs in**

- A) C<sub>3</sub> plants only
- B) C<sub>4</sub> plants only
- C) CAM plants only
- D) All plants

**14) Which one of the following groups of plants produces seeds but no fruits?**

- A) Bryophytes
- B) Pteridophytes
- C) Gymnosperms
- D) Angiosperms

**15) Punjab agricultural university's inclusion in the BRICS network university focuses on**

- A) Artificial intelligence
- B) Sustainable agriculture and food security
- C) Space research
- D) Information technology

**16) Bryophytes are called “amphibians of plant kingdom” mainly because**

- A) They have vascular tissue
- B) They require water for fertilization
- C) They reproduce through seeds

D) Their sporophyte is independent

**17) Glowcas9 is related to which of the following?**

- A) A pesticide formulation
- B) A bioluminescent gene-editing protein
- C) A type of plant hormone
- D) A soil nutrient application

**18) Golden rice is genetically modified to address deficiency of**

- A) Iron
- B) Protein
- C) Vitamin A
- D) Zinc

**19) Gaba-stabilized gold nanoparticles were used to improve the nutrition and growth of which plant?**

- A) Wheat
- B) Rice
- C) Lettuce
- D) Corn

**20) Name the protein that triggers dormant buds to grow when a plant is wounded**

- A) Ghflc
- B) Leafy
- C) Ghzat11
- D) Atmyc2

**21) The parasitic weed *Orobanche aegyptiaca* primarily affects the yield of which crop?**

- A) Cotton
- B) Sugarcane
- C) Mustard
- D) Coffee

**22) *Tidestromia oblongifolia* which grows faster as temperatures rise is typically found in**

- A) Arctic tundra
- B) Death valley, USA
- C) Amazon rainforest
- D) Thar desert

**23) A new species of ginger named *Parakaempferia alba* was discovered in which region of India?**

- A) Western ghats
- B) Siang valley, Arunachal Pradesh
- C) Nicobar islands
- D) Khasi hills, meghalaya

**24) Which indian institution recently launched the 'dravya' portal to digitize information on medicinal plants?**

- A) Botanical Survey Of India (BSI)

- B) National Biodiversity Authority (NBA)
- C) Ministry Of Ayush
- D) Indian Council Of Forestry Research And Education (ICFRE)

**25) The plant species *phlogacanthus sudhansukhariai* was discovered in which protected area?**

- A) Mudumalai Wildlife Sanctuary
- B) Itanagar Wildlife Sanctuary
- C) Jim Corbett National Park
- D) Gir National Park

**ANSWER KEY**

<b>1)</b> B	<b>2)</b> B	<b>3)</b> A	<b>4)</b> A	<b>5)</b> C	<b>6)</b> B	<b>7)</b> B	<b>8)</b> C	<b>9)</b> C	<b>10)</b> A
<b>11)</b> C	<b>12)</b> A	<b>13)</b> A	<b>14)</b> C	<b>15)</b> B	<b>16)</b> B	<b>17)</b> B	<b>18)</b> C	<b>19)</b> C	<b>20)</b> C
<b>21)</b> C	<b>22)</b> B	<b>23)</b> B	<b>24)</b> C	<b>25)</b> B					

## ZOOLOGY

- S. JEEVANANTHIKA, II MA

**1) The main objective of the Biological Diversity Act, 2002 is to**

- A) Promote industrial use of forests
- B) Conserve biodiversity and ensure benefit sharing
- C) Increase agricultural production
- D) Promote wildlife tourism

**2) Which organisation publishes the Red Data Book in India?**

- A) WWF
- B) UNEP
- C) IUCN
- D) Botanical Survey of India

**3) Which Indian animal is declared Critically Endangered by IUCN?**

- A) Nilgiri Tahr
- B) Asiatic Lion
- C) Great Indian Bustard
- D) Indian Elephant

**4) The Project Tiger was launched in India in the year**

- A) 1965
- B) 1973
- C) 1980
- D) 1992

**5) The One Health Approach mainly links**

- A) Human health only
- B) Animal health only
- C) Human, animal and environmental health
- D) Veterinary services

**6) Which disease is a zoonotic disease?**

- A) Polio
- B) Tuberculosis
- C) Rabies
- D) Measles

**7) The Wildlife Protection Act in India was enacted in**

- A) 1956
- B) 1962
- C) 1972
- D) 1986

**8) Which Schedule of the Wildlife Protection Act provides maximum protection?**

- A) Schedule I
- B) Schedule II
- C) Schedule III
- D) Schedule V

**9) GM crops are regulated in India by**

- A) ICAR

- B) GEAC
- C) WHO
- D) NABARD

**10) Which gas causes coral bleaching due to global warming?**

- A) Oxygen
- B) Nitrogen
- C) Carbon dioxide
- D) Helium

**11) The main reason for decline in vulture population in India was**

- A) Habitat loss
- B) Diclofenac drug
- C) Climate change
- D) Pesticides

**12) Which programme focuses on elephant conservation in India?**

- A) Project Rhino
- B) Project Elephant
- C) Project Lion
- D) Project Dolphin

**13) Invasive alien species cause**

- A) Increase in biodiversity
- B) No ecological impact
- C) Threat to native species
- D) Soil enrichment

**14) Which animal is India's National Aquatic Animal?**

- A) Shark
- B) Dolphin
- C) Turtle
- D) Whale

**15) The Blue Flag certification is related to**

- A) Forests
- B) Rivers
- C) Beaches
- D) Mountains

**16) Which endocrine disruptor affects wildlife reproduction?**

- A) Urea
- B) DDT
- C) Oxygen
- D) Calcium

**17) Cryopreservation is mainly used for**

- A) Waste disposal
- B) Gene conservation
- C) Disease treatment
- D) Animal training

**18) Which Indian state has the largest tiger population (latest data)?**

- A) Tamil Nadu

- B) Karnataka
- C) Madhya Pradesh
- D) Kerala

**19) Microplastics mainly affect**

- A) Terrestrial animals only
- B) Marine food chain
- C) Desert ecosystem
- D) Mountain animals

**20) The Convention on Biological Diversity (CBD) was signed at**

- A) Kyoto
- B) Paris
- C) Rio de Janeiro
- D) Stockholm

**21) Which disease outbreak highlighted the importance of wildlife-human interface?**

- A) Dengue
- B) COVID-19
- C) Cholera
- D) Malaria

**22) The purpose of Eco-Sensitive Zones (ESZ) is to**

- A) Promote mining
- B) Reduce pollution near protected areas
- C) Increase urbanisation
- D) Encourage industries

**23) Which animal is protected under Schedule I of WPA?**

- A) Crow
- B) Dog
- C) Tiger
- D) Cat

**24) Animal Birth Control (ABC) Programme is related to**

- A) Wildlife census
- B) Stray dog population control
- C) Poultry farming
- D) Dairy development

**25) The main goal of Sustainable Development Goal 15 is**

- A) Clean water
- B) Climate action
- C) Life on land
- D) Zero hunger

#### ANSWER KEY

<b>1) B</b>	<b>2) C</b>	<b>3) C</b>	<b>4) B</b>	<b>5) C</b>	<b>6) C</b>	<b>7) C</b>	<b>8) A</b>	<b>9) B</b>	<b>10) C</b>
<b>11) B</b>	<b>12) B</b>	<b>13) C</b>	<b>14) B</b>	<b>15) C</b>	<b>16) B</b>	<b>17) B</b>	<b>18) C</b>	<b>19) B</b>	<b>20) C</b>
<b>21) B</b>	<b>22) B</b>	<b>23) C</b>	<b>24) B</b>	<b>25) C</b>					

## **GENERAL AWARENESS**

### **WHO IS WHO**

**- S. VINAYAGAMOORTHI, I MA**

- 1) Who was named the ICC Men's Player of the Month for December 2025, relevant for early 2026, after strong performance?**
  - A) Pat Cummins
  - B) Steve Smith
  - C) David Warner
  - D) Travis Head
- 2) Which notable sporting event is scheduled to begin in February–March 2026?**
  - A) FIFA World Cup
  - B) ICC Men's T20 World Cup
  - C) Olympic Games
  - D) Commonwealth Games
- 3) In Which states the World's largest data centre be built?**
  - A) Gujarat
  - B) Odisha
  - C) Maharashtra
  - D) Uttar Pradesh
- 4) Which state was India's first digital nomad village established?**
  - A) Sikkim
  - B) Goa
  - C) Kerala
  - D) Telangana
- 5) World Economic Outlook Update 2026 was released by which organization?**
  - A) World Bank
  - B) IMF
  - C) WTO
  - D) UNDP
- 6) India's first AI-powered multilingual legal assistant was launched by which institution?**
  - A) Supreme Court of India
  - B) NITI Aayog
  - C) Ministry of Law & Justice
  - D) National Informatics Centre
- 7) What is the name of India's first solar-powered mobile ATM van launched by TGB?**
  - A) TGB Mobile
  - B) TGB Express
  - C) TGB on Wheels

D) TGB Solar Van

8) Which Australian cricketer was named ICC Men's Player of the Month for December 2025?

- A) Pat Cummins
- B) Mitchell Starc
- C) Steve Smith
- D) David Warner

9) Who has been appointed as the chairman of the Atomic Energy Regulatory Board?

- A) AK Balasubramaniam
- B) Aakash Tripathi
- C) Vaibhav Arora
- D) Mohit Mishra

10) Which was become the first state in India to launch a deep tech startup policy?

- A) West Bengal
- B) Tamil Nadu
- C) Madhya Pradesh
- D) Bihar

11) Prime Minister of India was Lal Bahadur Shastri, whose 60th death anniversary was observed on January 11, 2026?

- A) First
- B) Second
- C) Third
- D) Fourth

12) India became the first country in the world to commercially produce which sustainable product?

- A) Bio-plastic
- B) Bio-ethanol
- C) Bio-bitumen
- D) Bio-diesel

13) Which country tested the world's first nuclear-powered cruise Missile Burevestnik?

- A) China
- B) Russia
- C) USA
- D) North Korea

14) Which country holds the BRICS presidency for 2026, taking over from the previous year?

- A) Russia
- B) China
- C) India
- D) Brazil

**15) Who is the current Secretary-General of the United Nations?**

- A) António Guterres
- B) Ban Ki-moon
- C) Jens Stoltenberg
- D) Ursula von der Leyen

**16) Who is the Managing Director of the International Monetary Fund (IMF)?**

- A) Christine Lagarde
- B) Kristalina Georgieva
- C) Janet Yellen
- D) Ngozi Okonjo-Iweala

**17) Who is the Director-General of the World Health Organization (WHO)?**

- A) Tedros Adhanom Ghebreyesus
- B) Antonio Guterres
- C) David Malpass
- D) Kristalina Georgieva

**18) Who is the President of Russia?**

- A) Dmitry Medvedev
- B) Mikhail Mishustin
- C) Vladimir Putin
- D) Sergei Lavrov

**19) Who is the Chairperson of the European Commission?**

- A) Angela Merkel
- B) Christine Lagarde
- C) Ursula von der Leyen
- D) Giorgia Meloni

**20) Who is the Director-General of the World Trade Organization (WTO)?**

- A) Kristalina Georgieva
- B) Ngozi Okonjo-Iweala
- C) Janet Yellen
- D) Gita Gopinath

**21) Who is the Chief of Defence Staff (CDS) of India?**

- A) Bipin Rawat
- B) Manoj Pande
- C) Anil Chauhan
- D) R. Hari Kumar

**22) Who is the President of the Asian Development Bank (ADB)?**

- A) Masatsugu Asakawa
- B) Haruhiko Kuroda
- C) Ajay Banga
- D) Takehiko Nakao

**23) Who is the Director of the FBI (USA)?**

- A) Robert Mueller

- B) Christopher Wray
- C) James Comey
- D) Merrick Garland

**24) Who among the following the youngest indian female to climb mount everest?**

- A) Malavath purna
- B) Dicky Dolma
- C) Sonam Gyatso
- D) Bachendri Pal

**25) First woman who fly to space?**

- A) Cosmonaut Valentina Tereshkova
- B) Sunita Williams
- C) Bachendri pal
- D) None of the above

#### ANSWER KEY

<b>1)</b> B	<b>2)</b> B	<b>3)</b> A	<b>4)</b> A	<b>5)</b> B	<b>6)</b> A	<b>7)</b> C	<b>8)</b> B	<b>9)</b> A	<b>10)</b> B
<b>11)</b> B	<b>12)</b> C	<b>13)</b> B	<b>14)</b> C	<b>15)</b> A	<b>16)</b> B	<b>17)</b> A	<b>18)</b> C	<b>19)</b> C	<b>20)</b> B
<b>21)</b> C	<b>22)</b> A	<b>23)</b> B	<b>24)</b> A	<b>25)</b> A					

## RECENT AWARDS

- S. BARATH KUMAR, II MA

- 1) Who presented the awards at the National Energy Conservation Awards 2025 held in December?**
  - A) Prime Minister of India
  - B) President of India
  - C) Vice President of India
  - D) Chief Minister of Delhi
- 2) The National Energy Conservation Awards 2025 ceremony emphasized the importance of which of the following?**
  - A) Digital Education
  - B) Smart Cities
  - C) Energy Conservation
  - D) Renewable Agriculture
- 3) Which award recognized outstanding scientists at Rashtrapati Bhavan in December 2025?**
  - A) Bharat Ratna
  - B) Rashtriya Vigyan Puraskar
  - C) Padma Shri
  - D) Dadasaheb Phalke Award
- 4) How many distinguished scientists were conferred with the Rashtriya Vigyan Puraskar 2025?**
  - A) 10
  - B) 15
  - C) 24
  - D) 30
- 5) In December 2024, which individual was awarded the National Award in the Shreshth Divyangjan category?**
  - A) Anand Mahindra
  - B) Danish Mahajan
  - C) Ratan Tata
  - D) Sundar Pichai
- 6) The Amazon Smbhav Summit MSME Awards (held in December) recognize entrepreneurs in how many core categories (excluding Trailblazer)?**
  - A) 2
  - B) 4
  - C) 6
  - D) 8
- 7) The Amazon Smbhav Awards include the following category, EXCEPT:**
  - A) Innovator of the Year
  - B) Digital Disruptor of the Year

- C) Emerging Exporter of the Year
- D) National Film Award

**8) Which of the following competitions' winners are announced by mid-January for the December test period?**

- A) UPSC CSE
- B) IELTS Celebrating Success Award
- C) NEET
- D) JEE Advanced

**9) The Pradhan Mantri Rashtriya Bal Puraskar awarded in December is primarily for:**

- A) Senior Citizens in Arts
- B) Children's achievements
- C) Industrial Innovation
- D) Literature and Culture

**10) National Energy Conservation Awards typically include winners in which category?**

- A) Best Film of the Year
- B) State Performance in Energy Conservation
- C) Chess World Champion
- D) Civil Service Excellence

**11) The Rashtriya Vigyan Puraskar 2025 was awarded to how many distinguished scientists?**

- A) 10
- B) 18
- C) 24
- D) 30

**12) Which national award did the President of India present on 3 December 2025?**

- A) Padma Shri
- B) National Film Awards
- C) National Award for Empowerment of Divyangjan
- D) Pradhan Mantri Rashtriya Bal Puraskar

**13) Pradhan Mantri Rashtriya Bal Puraskar 2025 was conferred on Veer Bal Diwas by the President on:**

- A) 14 December
- B) 26 December
- C) 31 December
- D) 1 December

**14) Pradhan Mantri Rashtriya Bal Puraskar recognises achievements in all of the following EXCEPT:**

- A) Innovation
- B) Science & Technology
- C) Military Leadership
- D) Arts & Culture

**15) Who won the 2025 UNEP Champions of the Earth award for climate leadership (featured in December current affairs)?**

- A) Supriya Sahu
- B) Raveena Tandon
- C) Jay Shah
- D) Anant Ambani

**16) Which Indian actor was honoured as PETA India's 2025 Person of the Year for wildlife protection?**

- A) Anupam Kher
- B) Raveena Tandon
- C) Vidya Balan
- D) Priyanka Chopra

**17) The 2025 Global Humanitarian Award was received by:**

- A) Supriya Sahu
- B) Anant Ambani
- C) Jay Shah
- D) Dinesh Khatak

**18) Which CRPF officer was awarded the Union Home Minister's Efficiency Medal in December 2025?**

- A) Dinesh Khatak
- B) Ajay Raj
- C) Vaibhav Suryavanshi
- D) P. K. Motupalli

**19) Who received the M. S. Swaminathan Green Excellence Award in December 2025?**

- A) Supriya Sahu
- B) P. K. Motupalli
- C) NTPC
- D) Photonics Odyssey

**20) Which IIT team won the Most Inspirational Award at the NASA International Space Apps Challenge 2025?**

- A) Team Nebula
- B) Photonics Odyssey
- C) Space Connect India
- D) Bharat Satellite Team

**21) At the Filmfare OTT Awards 2025 (held mid-December), which was a top winner?**

- A) Paatal Lok – Season 2
- B) Khauf
- C) Black Warrant
- D) All of the above

**22) Who from Tamil Nadu won the UNEP Champions of the Earth Award 2025?**

- A) Gayathri Venkataraghavan

- B) Supriya Sahu
- C) M. Nassar
- D) Anitha Guha

**23) The UNEP Champions of the Earth Award presented to Supriya Sahu is related to:**

- A) Literature & Arts
- B) Environmental Sustainability
- C) Sports Excellence
- D) Scientific Research

**24) Which award ceremony honoured multiple cultural personalities in Tamil Nadu in December 2025?**

- A) Kalaimamani Award
- B) Muthamizh Peravai Awards
- C) Bharathiar Awards
- D) Thiruvalluvar Awards

**25) Who received the 'Kalaignar Award' under the Muthamizh Peravai Awards 2025?**

- A) M. Nassar
- B) Vaduvur SNR Krishnamurthy
- C) Gayathri Venkataraghavan
- D) Selvaganapathy

**26) Gayathri Venkataraghavan received which award under the Muthamizh Peravai scheme?**

- A) Nattiya Selvam
- B) Rajarathna Award
- C) Isai Selvam Award
- D) Iyal Selvam Award

**27) Vaduvur SNR Krishnamurthy was given the:**

- A) Rajarathna Award
- B) Iyal Selvam Award
- C) Nadaswaram Selvam Award
- D) Thavil Selvam Award

**28) Which award is related to social justice in Tamil Nadu?**

- A) Bharathi Award
- B) Thanthai Periyar Award
- C) Bharathidasan Award
- D) Thiruvalluvar Award

**29) Thanthai Periyar Award 2025 is given for work in:**

- A) Ecology
- B) Sports
- C) Social Justice
- D) Philanthropy

**30) Which Tamil Nadu department officially announces the Muthamizh Peravai cultural awards?**

- A) School Education Department
- B) Higher Education Department
- C) Tamil Development & Information Department
- D) Cooperation Department

**31) State level essay competition prizes in December 2025 were awarded in honour of:**

- A) Kamarajar
- B) Bharathidasan
- C) Subramania Bharathiar
- D) Perarignar Anna

**32) Who was awarded the Sangita Kalanidhi Award for 2025?**

- A) Neyveli Santhanagopalan
- B) R. K. Shriramkumar
- C) Sudha Raghunathan
- D) Aruna Sairam

**33) The Nritya Kalanidhi Award 2025 was given for excellence in which art form?**

- A) Kathak
- B) Bharatanatyam
- C) Kuchipudi
- D) Odissi

**34) Who received the Nritya Kalanidhi Award 2025?**

- A) Meenakshi Chitharanjan
- B) Urmila Satyanarayana
- C) Radha Sridhar
- D) Chitra Visweswaran

**35) Which organization confers the Sangita Kalanidhi & Nritya Kalanidhi awards?**

- A) Tamil Isai Sangam
- B) Kalakshetra
- C) The Music Academy, Chennai
- D) Bharat Kalachar

**36) Who won the Gaana Padhmam Award at the December Art Festival 2025?**

- A) Neyveli S. Santhanagopalan
- B) T.M. Krishna
- C) Sanjay Subrahmanyam
- D) Vijay Siva

**37) The title “Isai Perarignar” in December 2025 was awarded to:**

- A) Sudha Raghunathan
- B) Chitra Visweswaran
- C) T.N. Seshagopalan
- D) Aruna Sairam

**38) Which award is presented by the Sri Thyaga Brahma Gana Sabha (Chennai)?**

- A) Vani Kala Sudhakara
- B) Sangita Kala Acharya

- C) Sangeet Natak Akademi Award
- D) Kalidas Samman

**39) The title “Naatya Padmam” 2025 was awarded to:**

- A) Rukmini Vijayakumar
- B) Alarmel Valli
- C) Meenakshi Chitharanjan
- D) Priyadarsini Govind

**40) Sangita Kala Acharya Award 2025 is mainly given to:**

- A) Young performers
- B) Music teachers/Gurus
- C) Film music composers
- D) Dance choreographers

**41) Bharat Kalachar awards primarily honour contributions in:**

- A) Film acting
- B) Western music
- C) Classical music & dance
- D) Literary criticism

**42) Which Tamil Nadu event is known as the ‘December Season’?**

- A) Kumbhabhishekam Festival
- B) Chennai International Film Festival
- C) Chennai Margazhi Music & Dance Festival
- D) World Classical Arts Meet

**43) The December Season is mainly associated with:**

- A) Classical fine arts
- B) Athletics
- C) Cinema
- D) Theatre only

**44) The Chennai Book Fair usually takes place in:**

- A) December – January
- B) February – March
- C) May – June
- D) July – August

**45) Who received the M. S. Swaminathan Green Excellence Award in December 2025?**

- A) Supriya Sahu
- B) P. K. Motupalli
- C) NTPC
- D) Photonics Odyssey

**46) Which IIT team won the Most Inspirational Award at the NASA International Space Apps Challenge 2025?**

- A) Team Nebula
- B) Photonics Odyssey
- C) Space Connect India

D) Bharat Satellite Team

**ANSWER KEY**

<b>1)</b> B	<b>2)</b> C	<b>3)</b> B	<b>4)</b> C	<b>5)</b> B	<b>6)</b> B	<b>7)</b> D	<b>8)</b> B	<b>9)</b> B	<b>10)</b> B
<b>11)</b> C	<b>12)</b> C	<b>13)</b> B	<b>14)</b> C	<b>15)</b> A	<b>16)</b> B	<b>17)</b> B	<b>18)</b> A	<b>19)</b> B	<b>20)</b> B
<b>21)</b> D	<b>22)</b> B	<b>23)</b> B	<b>24)</b> B	<b>25)</b> A	<b>26)</b> C	<b>27)</b> A	<b>28)</b> B	<b>29)</b> C	<b>30)</b> C
<b>31)</b> C	<b>32)</b> B	<b>33)</b> B	<b>34)</b> B	<b>35)</b> C	<b>36)</b> A	<b>37)</b> B	<b>38)</b> A	<b>39)</b> C	<b>40)</b> B
<b>41)</b> C	<b>42)</b> C	<b>43)</b> A	<b>44)</b> A	<b>45)</b> B	<b>46)</b> B				

## SPORTS

- T. RAJA, I MA

- 1) Which country won the 2025 FIFA Club World Cup?
  - A) Brazil
  - B) Chelsea
  - C) Saudi Arabia
  - D) Argentina
- 2) Who was named the 2025 Ballon d'Or winner?
  - A) Ousmane Dembélé
  - B) Lionel Messi
  - C) Kylian Mbappé
  - D) Kevin De Bruyne
- 3) Which city hosted the 2025 World Athletics Championships?
  - A) Tokyo
  - B) Paris
  - C) Budapest
  - D) Doha
- 4) Which Indian player scored the highest runs in the 2025 ICC Men's Cricket World Cup?
  - A) Rohit Sharma
  - B) Virat Kohli
  - C) Shubman Gill
  - D) KL Rahul.
- 5) Which nation topped the medal tally at the 2025 Asian Karate Championships?
  - A) Japan
  - B) Iran
  - C) South Korea
  - D) Kazakhstan
- 6) Which team won the 2025–26 NBA Christmas Day game between Lakers and Celtics?
  - A) Lakers
  - B) Celtics
  - C) It was a tie
  - D) Game postponed
- 7) India won a historic gold medal in \_\_\_\_\_ at the 2025 World University Games.
  - A) Shooting
  - B) Badminton
  - C) Boxing
  - D) Table Tennis
- 8) Who won the 2025 Women's Cricket World Cup Player of the Tournament award?
  - A) Deepti Sharma

- B) Harmanpreet Kaur
- C) Smriti Mandhana
- D) Shafali Verma

9) **Describe the performance of the Indian badminton team in the 2025 Sudirman Cup.**

- A) Won 4-1 against Denmark
- B) Down 4-1 against Denmark
- C) Won 4-1 against England
- D) Down 4-1 against England

10) **Which country hosted the 2025 Asian Games qualifiers in football?**

- A) American
- B) China
- C) India
- D) Italy

11) **What record did Lionel Messi break in December 2025?**

- A) Back to back MSV MPS award
- B) Back to back PSV HPL award
- C) Back to back MVG MYD award
- D) Back to back MLS MVP award

12) **Name the Indian athlete who set a new national record in marathon in December 2025.**

- A) Shivnath Singh
- B) Gulveer Singh
- C) Milkha Singh
- D) Rome Singh

13) **Which country won the 2025 Rugby World Cup?**

- A) England
- B) India
- C) France
- D) Germany

14) **Who was appointed captain of the Indian men's hockey team in December 2025?**

- A) Harman Preet Singh
- B) Manpreet Singh
- C) PR Sreejesh
- D) Hardik Singh

15) **Which Indian city was chosen for the 2030 Youth Olympics?**

- A) Ahmedabad
- B) Delhi
- C) Kolkata
- D) Mumbai

16) **The 2026 Winter Olympics were held in which country?**

- A) Japan
- B) Italy
- C) Canada

D) China

17) Which major international football tournament's final is scheduled to be held at metlife Stadium in July 2026?

- A) UEFA Nations League
- B) Copa America
- C) FIFA World Cup
- D) Asian Cup

18) The 48-team FIFA World Cup 2026 will be co-hosted by which three countries?

- A) USA, Mexico, Brazil
- B) USA, Canada, Mexico
- C) Canada, Brazil, Argentina
- D) Mexico, Argentina, Spain

19) Where was the 2026 World Athletics Cross Country Championships held?

- A) London
- B) Tallahassee
- C) Doha
- D) Tokyo

20) How long does one season of a modern Olympiad last?

- A) 2 Years
- B) 4 Years
- C) 6 Years
- D) 8 Years

21) Who was the first President of the International Olympic Committee?

- A) Pierre de Coubertin
- B) Demetrios Vikelas
- C) Woodrow Wilson
- D) Winston Churchill

22) What is the name of the award instituted by the International Olympic Committee to athletes who demonstrate the spirit of sportsmanship in the Olympic Games?

- A) Robert Capa Gold Medal
- B) Pierre de Coubertin Medal
- C) Wilbur Cross Medal
- D) George Box Medal

23) Which country hosted the 2010 Commonwealth Games?

- A) India
- B) Canada
- C) Australia
- D) Ireland

24) Which country hosted the Asian Games the most number of times?

- A) Japan
- B) South Korea
- C) Thailand

D) China

25) What is the mascot of the 2022 Asian Games?

- A) Barame, Chumuro, Vichuon
- B) Congcong, Lianlian, Chenchen
- C) Poppo and Cuccu
- D) Pan Pan

**ANSWER KEY**

<b>1)</b> B	<b>2)</b> A	<b>3)</b> A	<b>4)</b> C	<b>5)</b> B	<b>6)</b> B	<b>7)</b> A	<b>8)</b> A	<b>9)</b> A	<b>10)</b> B
<b>11)</b> D	<b>12)</b> B	<b>13)</b> A	<b>14)</b> A	<b>15)</b> A	<b>16)</b> B	<b>17)</b> C	<b>18)</b> B	<b>19)</b> B	<b>20)</b> B
<b>21)</b> B	<b>22)</b> B	<b>23)</b> B	<b>24)</b> C	<b>25)</b> B					

## APTITUDE & REASONING

- V. CHELLA, IMA

- 1) A person travelled from one place to another at an average speed of 40 kilometres/hour and back to the original place at an average speed of 50 kilometres/hour. What is his average speed (in kilometres/hour) during the entire round-trip?**  
A) 45  
B)  $20\sqrt{5}$   
C)  $400/9$   
D) impossible to find out
- 2) A boat which has a speed of 5 km/hr in still water crosses a river of width 1 km along the shortest possible path in 15 minutes. The velocity of the river water (in km/hr) is**  
A) 1  
B) 3  
C) 4  
D)  $\sqrt{41}$
- 3) One local and another express train proceeding in the same direction on parallel tracks at 29 km/hr and 65 km/hr respectively. The driver of the former noticed that it took exactly 16 seconds for the faster train to pass him. What is the length of the faster train?**  
A) 60 m  
B) 120 m  
C) 160 m  
D) 240 m
- 4) The average speed of a train on the onward journey is 25% more than that of the return journey. The train halts for one hour on reaching the destination. The total time taken for the complete to and fro journey is 17 hours covering a distance of 800 km. The speed of the train in the onward journey is**  
A) 45 km per hour  
B) 47.06 km per hour  
C) 50.00 km per hour  
D) 56.25 km per hour
- 5) A person starts from point A and travels 3 km eastwards to B and then turns left and travels the same distance to reach C. He again turns left and travels times the distance covered between A and B and reaches the destination D. The shortest distance between the starting point and destination is**  
A) 18 km  
B) 16 km  
C) 15 km  
D) 12 km

6) A, B, C working independently can do a piece of work in 8, 16 and 12 days respectively. A alone works on Monday, B alone works on Tuesday, C alone works on Wednesday; A alone, again works on Thursday and so on.

Consider the following statements:

1. The work will be finished on Thursday.
2. The work will be finished in 10 days.

Which of the above statements is/are correct?

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

7) Two persons, A and B are running on a circular track. At the start, B is ahead of A and their positions make an angle of  $30^\circ$  at the centre of the circle. When A reaches the Point diametrically opposite to his starting point, he meets B. What is the ratio of speeds of A and B, if they are running with uniform speeds?

- A) 6:5
- B) 4:3
- C) 6:1
- D) 4:2

8) Two friends X and Y start running and they run together for 50 m in the same direction and reach a point. X turns right and runs 60 m, while Y turns left and runs 40 m. Then X turns left and runs 50 m and stops, while Y turns right and runs 50 m and then stops. How far are the two friends from each other now?

- A) 100 m
- B) 90 m
- C) 60 m
- D) 50 m

9) A person X can complete 20% of work in 8 days and another person Y can complete 25% of the same work in 6 days. If they work together in how many days will 40% of the work be completed?

- A) 20
- B) 25
- C) 30
- D) 35

10) Carpenter A can make a chair in 6 hours, carpenter B in 7 hours and carpenter C in 8 hours per day. How many chairs will be made in 21 days?

- A) 61
- B) 67
- C) 73
- D) 79

**11) Four cars are hired at the rate of Rs.6 per km plus the cost of diesel at Rs.40 a litre. In this context, consider the details given in the following table:**

Car	Mileage (km/L)	Hours	Total Payment(Rs)
A	8	20	2120
B	10	25	1950
C	9	24	2064
D	11	22	1812

**Which car maintained the maximum average speed?**

- A) Car A
- B) Car B
- C) Car C
- D) Car D

**12) A Thief running at 8 km/hr is chased by a policeman who speed is 10 km/hr. If the thief is 100m ahead of the policeman, then the time required for the policeman to catch the thief will be**

- A) 6 min
- B) 3 min
- C) 4 min
- D) 5 min

**13) There are eight equidistant points 'A', 'B', 'C', 'D', 'E', 'F', 'G', and 'H' in the clockwise direction on the periphery of a circle. In a time interval  $t$ , a person reaches from 'A' to 'C' with uniform motion while another person reaches the point 'E' from the point 'B' during the same time interval with uniform motion. Both the persons move in the same direction along the circumference of the circle and start at the same instant. How much time after the start, will the two persons meet each other?**

- A)  $4t$
- B)  $7t$
- C)  $9t$
- D) Never

**14) A train travels at a certain average speed for a distance of 63 km and then travels a distance of 72 km at an average speed of 6 km/hr more than its original speed. If it takes 3 hours to complete the total journey, what is the original speed of the train in km/hr?**

- A) 24

- B) 33
- C) 42
- D) 66

**15) The location of B is north of A and location of C is east of A. The distances AB and AC are 5 km and 12 km respectively. The shortest distance (in km) between the locations B and C is**

- A) 60
- B) 13
- C) 17
- D) 7

**16) A straight line segment is 36 cm long. Points are to be marked on the line from both the end points. From each end, the first point is at a distance of 1cm from the end, the second point is at a distance of 2 cm from the first point and the third point is at a distance of 3 cm from the second point and so on. If the points on the ends are not counted and the common points are counted as one, what is the number of points ?**

- A) 10
- B) 12
- C) 14
- D) 16

**17) A and B decide to travel from place X to place Y by bus. A has 10 with him and he finds that it is 80% of the bus fare for two persons. B finds that he has 3 with him and hands it over to A. In this context, which one of the following statements is correct?**

- A) Now the money A has is just enough to buy two tickets.
- B) A still needs 2 for buying the tickets.
- C) After buying the two tickets A will be left with 50 paise.
- D) The money A now has is still not sufficient to buy two tickets.

**18) A person X from a place A and another person Y from a place B set out at the same time to walk towards each other. The places are separated by a distance of 15 km. X walks with a uniform speed of 1.5 km/hr and Y walks with a uniform speed of 1 in the first hour, with a uniform speed of 1.25 km/hr in the second hour and with a uniform speed of 1.5 km/hr in the third hour and so on.**

**Which of the following is/are correct ?**

- 1. They take 5 hours to meet.**
- 2. They meet midway between A and B.**

**Select the correct answer using the code given below :**

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

**19) A daily train is to be introduced between station A and station B starting from each at 6 AM and the journey is to be completed in 42 hours. What is the number of trains needed in order to maintain the Shuttle Service?**

- A) 2
- B) 3
- C) 4
- D) 7

**20) A freight train left Delhi for Mumbai at an average speed of 40 km/hr. Two hours later, an express train left Delhi for Mumbai, following the freight train on a parallel track at an average speed of 60 km/hr. How far from Delhi would the express train meet the freight train?**

- A) 480 km
- B) 240 km
- C) 260 km
- D) 120 km

**21) Two pipes A and B can independently fill a tank completely in 20 and 30 minutes respectively. If both the pipes are opened simultaneously, how much time will they take to fill the tank completely?**

- A) 10 minutes
- B) 15 minutes
- C) 12 minutes
- D) 25 minutes

**22) A and B walk around a circular park. They start at 8 a.m. from the same point in the opposite directions. A and B walk at a speed of 2 rounds per hour and 3 rounds per hour respectively. How many times shall they cross each other after 8:00 a.m. and before 9:30 a.m.?**

- A) 7
- B) 6
- C) 5
- D) 8

**23) Four friends A, B, C and D need to cross a bridge. A maximum of two persons can cross it at a time. It is night and they just have one lamp. Persons that cross the bridge must carry the lamp to find the way. A pair must walk together at the speed of a slower person. After crossing the bridge, the person having faster speed in the pair will return with the lamp each time to accompany another person in the group. Finally, the lamp has to be returned at the original place and the person who returns the lamp has to cross the bridge again without the lamp. To cross the bridge, the time taken by them is as follows:**

**A: 1 minute, B: 2 minutes, C: 7 minutes and D: 10 minutes. What is the total minimum time required by all the friends to cross the bridge?**

- A) 23 minutes
- B) 22 minutes

- C) 21 minutes
- D) 20 minutes

**24) A and B start from the same point and in the same direction at 7 a.m. to walk around a rectangular field 400 m \* 300m. A and B walk at the rate of 3 km/hr and 2.5 km/hr respectively. How many times shall they cross each other, if they continue to walk till 12:30p.m.?**

- A) Not even once
- B) Twice
- C) Once
- D) Thrice

**25) 50 men or 80 women can finish a job in 50 days. A contractor employs 40 men and 48 women for this work, but after every duration of 10 days, 5 completed. The work is completed in**

- A) 45 days
- B) 54 days
- C) 50 days
- D) 62 days

**26) Aryan runs at a speed of 40 metres/minute. Rahul follows him after an interval of 5 minutes and runs at a speed of 50 metres/minute. Rahul's dog runs at a speed of 60 metres/minute and starts along with Rahul. The dog reaches Aryan and then comes back to Rahul, and continues to do so till Rahul reaches Aryan. What is the total distance covered by the dog?**

- A) 600 metres
- B) 750 metres
- C) 980 metres
- D) 1200 metres

#### ANSWER KEY

<b>1) C</b>	<b>2) B</b>	<b>3) C</b>	<b>4) D</b>	<b>5) C</b>	<b>6) A</b>	<b>7) B</b>	<b>8) A</b>	<b>9) A</b>	<b>10) C</b>
<b>11) A</b>	<b>12) B</b>	<b>13) B</b>	<b>14) C</b>	<b>15) B</b>	<b>16) B</b>	<b>17) C</b>	<b>18) C</b>	<b>19) C</b>	<b>20) C</b>
<b>21) B</b>	<b>22) A</b>	<b>23) A</b>	<b>24) B</b>	<b>25) B</b>	<b>26) D</b>				

## LANGUAGES

### ENGLISH

- B. VISHNU, II MA

**1) "Hardly had the policy been announced when protests erupted." This implies:**

- A) Protests happened much later
- B) Protests happened immediately
- C) Protests were expected
- D) Protests were avoided

**2) "He is too pragmatic to be idealistic." Means:**

- A) He is practical, not idealistic
- B) He is both practical and idealistic
- C) He lacks principles
- D) He avoids decision-making

**3) The word "apathetic" in the passage means:**

- A) Angry
- B) Careless
- C) Indifferent
- D) Disobedient

**4) The word "degenerating" most nearly means:**

- A) Improving
- B) Declining
- C) Expanding
- D) Stabilising

**5) Choose the closest meaning of "vigilance":**

- A) Intelligence
- B) Alertness
- C) Obedience
- D) Fear

**6) The committee rejected the proposal not because it was impractical \_\_\_\_ it lacked clarity.**

- A) But
- B) And
- C) Or
- D) Yet

**7) His argument was persuasive \_\_\_\_ logically inconsistent.**

- A) Though
- B) Because
- C) Therefore
- D) Unless

**8) Identify the incorrect sentence:**

- A) Each of the answers is correct.
- B) Neither of the reports are reliable.
- C) He insisted that she be present.
- D) Scarcely had he arrived than it rained.

**9) Choose the sentence free from grammatical error:**

- A) He did not knew the answer.
- B) She has been working since two hours.
- C) No sooner had the train arrived than it departed.
- D) He is senior than his colleague.

**10) From the passage, democracy requires citizens to:**

- A) Follow leaders blindly
- B) Remain neutral
- C) Engage actively
- D) Avoid criticism

**11) Which statement is implied but NOT stated?**

- A) Democracy depends on citizens
- B) Elections alone ensure democracy
- C) Dissent is valuable
- D) Apathy weakens democracy

**12) Choose the correct order:**

1. **Citizens disengage**
2. **Democratic values weaken**
3. **Political apathy increases**
4. **Democracy becomes ritualistic**

- A) 3-1-2-4
- B) 1-3-2-4
- C) 3-2-1-4
- D) 1-2-3-4

**13) Choose the sentence that conveys the SAME meaning:**

**He was too exhausted to continue.**

- A) He was exhausted and continued.
- B) He continued because he was exhausted.
- C) He could not continue due to exhaustion.
- D) He continued despite exhaustion.

**14) Choose the most precise word:**

**Government actions lacking transparency breed public \_\_\_\_.**

- A) Trust
- B) Confidence
- C) Suspicion
- D) Obedience

**15) Which option best summarises the passage?**

- A) Democracy is mainly about elections

- B) Democracy survives through citizen participation
- C) Democracy is weakening everywhere
- D) Democracy requires strong rulers

**16) Choose the word closest in meaning to “recalcitrant”:**

- A) Obedient
- B) Stubbornly resistant
- C) Careless
- D) Indifferent

**17) The word “obdurate” most nearly means:**

- A) Polite
- B) Flexible
- C) Stubborn
- D) Fragile

**18) Choose the word opposite in meaning to “laconic”:**

- A) Brief
- B) Silent
- C) Wordy
- D) Curt

**19) “Profligate” as an adjective refers to a person who is:**

- A) Extremely cautious
- B) Wastefully extravagant
- C) Morally upright
- D) Financially prudent

**20) Choose the option that best corrects the sentence:**

**Neither of the two candidates were found suitable for the post.**

- A) Were
- B) Was
- C) Have been
- D) Had been

**21) Identify the grammatically correct sentence:**

- A) He is senior than me in service.
- B) He is senior to me in service.
- C) He is senior over me in service.
- D) He is senior from me in service.

**22) Choose the correct alternative:**

**No sooner did the train arrive than the passengers rushed out.**

- A) When
- B) Then
- C) Than
- D) As

**23) Meaning of “to bell the cat” is:**

- A) To trap someone

- B) To take a risky initiative
- C) To punish severely
- D) To act foolishly

**24) "A Pyrrhic victory" means:**

- A) A complete failure
- B) A victory with heavy losses
- C) An unexpected win
- D) A moral victory

**25) The politician's speech was full of \_\_\_\_\_ promises with no intention of fulfilment.**

- A) Pragmatic
- B) Specious
- C) Genuine
- D) Candid

**Read the passage and answer the question:**

**Democracy is not merely a form of government but a way of life. It demands constant vigilance, informed participation, and respect for dissent. When citizens become apathetic, democracy risks degenerating into a hollow ritual rather than a living reality.**

**26) The author considers democracy primarily as:**

- A) A political system
- B) A legal framework
- C) A social ethic
- D) An electoral mechanism

**27) Democracy degenerates when citizens:**

- A) Participate actively
- B) Question authority
- C) Become indifferent
- D) Demand accountability

**28) "Hollow ritual" suggests democracy becomes:**

- A) Violent
- B) Symbolic without substance
- C) Excessively complex
- D) Authoritarian

**29) The tone of the passage is:**

- A) Satirical
- B) Pessimistic
- C) Reflective
- D) Aggressive

**30) Which of the following strengthens the author's argument?**

- A) High voter turnout
- B) Suppression of dissent

C) Civic awareness programmes  
 D) Strong military rule

**ANSWER KEY**

1) B	2) A	3) C	4) B	5) B	6) A	7) A	8) B	9) C	10) C
11) B	12) A	13) C	14) C	15) B	16) B	17) C	18) C	19) B	20) B
21) B	22) C	23) B	24) B	25) B	26) C	27) C	28) B	29) C	30) C

பொதுத்தமிழ்

- M. HARIPRASATH, I MA

1) 'திராவிட மொழிகளின் ஒப்பிலக்கணம்' நூலின் ஆசிரியர் யார்?

அ) கால்டுவெல்  
 ஆ) போப்  
 இ) வீரமாழுனிவர்

2) 'தமிழின் முதல் நாவல்' எது?

அ) பாரிஜாதம்  
 ஆ) பிரதாப முதலியார் சரித்திரம்  
 இ) பொன்னியின் செல்வன்

3) 'செந்நாப்போதார்' என்று அழைக்கப்படுபவர் யார்?

அ) கம்பர்  
 ஆ) இளங்கோவடிகள்  
 இ) திருவள்ளுவர்

4) 'யாதும் ஊரே யாவரும் கேளிர்' - எனக் கூறியவர்?

அ) கணியன் பூங்குன்றனார்  
 ஆ) ஒளவையார்  
 இ) பாரதியார்

5) குறுந்தொகை எந்த நூல்களில் ஒன்று?

அ) பத்துப்பாட்டு

ஆ) எட்டுத்தொகை

இ) பதினெண்கீழ்க்கணக்கு

6) தமிழ்த் தாத்தா என்று அழைக்கப்படுபவர்?

அ) உ.வே. சாமிநாதையர்

ஆ) மீனாட்சி சுந்தரனார்

இ) மறைமலை அடிகள்

7) திருக்குறளில் உள்ள மொத்த அதிகாரங்கள் எத்தனை?

அ) 130

ஆ) 133

இ) 150

8) 'கம்பராமாயணம்' எத்தனை காண்டங்களைக் கொண்டது?

அ) 5

ஆ) 7

இ) 6

9) 'குட்டித் திருக்குறள்' என அழைக்கப்படும் நூல்?

அ) நாலடியார்

ஆ) ஏலாதி

இ) திரிகடுகம்

10) பாரதிதாசனின் இயற்பெயர் என்ன?

அ) சுப்புரத்தினம்

ஆ) சுப்பிரமணியன்

இ) வேதாசலம்

11) 'சிறுக்கை மன்னன்' என்று போற்றப்படுபவர்?

அ) புதுமைப்பித்தன்

ஆ) ஜெயகாந்தன்

இ) கல்கி

12) சிலப்பதிகாரத்தின் இரட்டைக்காப்பியம் எது?

அ) சீவக சிந்தாமணி

ஆ) மணிமேகலை

இ) குண்டலகேசி

13) 'ஒன்றே குலம் ஒருவனே தேவன்' - இது யாருடைய வாக்கு?

- அ) திருமூலர்
- ஆ) பட்டினத்தார்
- இ) தாழுமானவர்

14) திராவிட நாட்டின் வானம்பாடி என்று அழைக்கப்பட்டவர்?

- அ) பாரதியார்
- ஆ) முடியரசன்
- இ) சுரதா

15) நெடுதம் எழுதியவர் யார்?

- அ) அதிவீரராம பாண்டியன்
- ஆ) வில்லிபுத்தூரார்
- இ) புகழேந்தி

16) 'உவமைக் கவிஞர்' என்று அழைக்கப்படுபவர்?

- அ) வாணிதாசன்
- ஆ) சுரதா
- இ) தாராபாரதி

17) ஐஞ்சிறு காப்பியங்கள் அனைத்தும் எந்த சமயத்தைச் சார்ந்தவை?

- அ) சமணம்
- ஆ) பெளத்தம்
- இ) சைவம்

18) ஐ.யு. போப் திருக்குறளை எந்த மொழியில் மொழிபெயர்த்தார்?

- அ) கிரேக்கம்
- ஆ) ஆங்கிலம்
- இ) லத்தீன்

19) 'மணிமேகலை' காப்பியத்தின் ஆசிரியர்?

- அ) இளங்கோவடிகள்
- ஆ) சீத்தலைச் சாத்தனார்
- இ) நாதகுத்தனார்

20) முல்லை நிலத்திற்குரிய பூ எது?

அ) குறிஞ்சி

ஆ) தாமரை

இ) பிச்சி (முல்லை)

**21)** 'தமிழ் இன்பம்' நூலின் ஆசிரியர் யார்?

அ) ரா.பி. சேதுப்பிள்ளை

ஆ) திரு.வி.க

இ) மு.வ

**22)** 'வெண்பா' எத்தனை வகைப்படும்?

அ) 4

ஆ) 5

இ) 6

**23)** 'செழுந்தமிழ்' - பிரித்து எழுதுக.

அ) செழு + தமிழ்

ஆ) செம்மை + தமிழ்

இ) செழுமை + தமிழ்

**24)** உலகத் தமிழ்ச் செம்மொழி மாநாடு நடைபெற்ற இடம் (2010)?

அ) மதுரை

ஆ) சென்னை

இ) கோவை

**25)** 'தனித்தமிழ் இயக்கத்தின் தந்தை' யார்?

அ) மறைமலை அடிகள்

ஆ) பாரதிதாசன்

இ) பெரியார்

விடை

1) அ	2) ஆ	3) இ	4) அ	5) ஆ	6) அ	7) ஆ	8) இ	9) அ	10) அ
11) அ	12) ஆ	13) அ	14) ஆ	15) அ	16) ஆ	17) அ	18) ஆ	19) ஆ	20) இ
21) அ	22) ஆ	23) இ	24) இ	25) அ					

ஜெள்ஸ் ஜீபிளஸ் மற்றும் டிஎன்பிஎஸ்சி தேர்வுகளில் வெற்றிபெற பயிற்சி முறைமைகள்

Dr.கு.செந்தில்குமார்  
பேராசிரியர் & துறைத்தலைவர்  
அரசியல் & பொது நிர்வாகம்  
அழகப்பா பல்கலைகழகம்

+2 முடித்துவிட்டு இளங்கலை பட்டபடிப்பு படிப்பவர்களுக்கும்,இளங்கலை முடித்துவிட்டு முதுகலை தொடர்பவர்களுக்கும் உடனடியாக வேலைக்கு செல்ல ஜெள்ஸ் ஜீபிளஸ் மற்றும் டிஎன்பிஎஸ்சி தேர்வுகளுக்கு தயார் செய்வதின் மூலம் வேலை வாய்ப்புகள் பெறுவதற்கு வாய்ப்புகள் அதிகம் உள்ளது.ஒரே விஷயம், படிக்கின்ற காலத்திலேயே பயிற்சி வழிமுறைகளை பின்பற்றுவதின் மூலம் நமக்கு கிடைக்க இருக்கக்கூடிய வேலைகளை நாம் உறுதிபடுத்திகொள்ளலாம்,தொழில்முறைகல்வி படிப்பவர்களுக்கு ஏதாவது ஒரு வேலை உறுதியாக அமைய வாய்ப்பு அதிகம் காணப்படுகிறது.ஆனால் கலை மற்றும் அறிவியல் படிப்பவர்களுக்கு இந்த வாய்ப்புகள் மிக அறிது.ஆனாலும் தொழில்முறைகல்வி படிப்பவர்களும் போட்டித் தேர்வுகளில் அதிக கவனம் செலுத்தி பாஸ் செய்து விடுவது குறிப்பிடத்தக்கது.முன்று ஆண்டுகளோ(அ)இரண்டு ஆண்டுகளோ பட்டபடிப்பு/முதுகலை பட்டபடிப்பு படிக்கின்ற காலத்திலேயே முழு முச்சாக இத்தேர்வுகளுக்கு பயிற்சி செய்யும் பட்சத்தில் கண்டிப்பாக பட்டபடிப்பு முடித்த கையோடு நாம் வேலைக்கு செல்லலாம்.

ஜெள்ஸ் ஜீபிளஸ் தேர்வுகள் ஒவ்வொரு வருடமும் ஜூலை-ஆகஸ்ட் மாதங்களில் நடத்தபடுகிறது.முன்று நிலைகளில் தேர்வுகள் நடத்தப்பட்டு முறையே முதன்மை தேர்வு,பிரதான தேர்வு மற்றும் நேர்காணல் ஆகியவைகளில் போட்டியாளர்களின் திறன் பரிசோதிக்கபடுகின்றன.பின் அவரவர்களின் மதிப்பெண்களுக்கு ஏற்ப ஜெள்ஸ்,ஜீபிளஸ் என 23 பிரிவுகளில் பணிகள் வழங்கப்படுகின்றன. டிஎன்பிஎஸ்சி குரூப்-1 தேர்வுகளும் ஆட்தேவைக்கு ஏற்ப இப்போது அடிக்கடி விண்ணப்ப அழைப்பு செய்யபடுகிறது.

யூபிளஸ்சி- யால்நடத்தபடுகிற ஜெள்ஸ், ஜீபிளஸ் தேர்வும் டிஎன்பிஎஸ்சி -யால் நடத்தபடுகிற குரூப் தேர்வுகளும் பொது அறிவையும்,மூளைத் திறன் சார்ந்த கேள்விகளைத்தான் அதிகம் உள்ளடக்கி இருக்கின்றன. உலகத்தின் பல்வேறுபட்ட நிகழ்வுகளையும்,நிகழ்ந்தவைகளையும் நீங்கள் எவ்வளவு தூரம் புரிந்து வைத்துள்ளீர்கள் என்பதை சோதிப்பதற்காகவே பொது அறிவு கேள்விகள் கேட்கபடுகின்றன. மேலும் ஒரு குறிப்பிட்ட சூழ்நிலையில் உங்கள் பணியில் நீங்கள் எவ்வளவு வேகமாகவும்,சாமர்த்தியமாகவும் செயல்படுகிறீர்கள் என்பதை சோதிப்பதற்காகவே லாஜிக் சம்பந்தப்பட்ட கேள்விகள் கேட்கபடுகிறது.பொது மூளைத் திறன் சம்பந்தப்பட்ட கேள்விகளுக்கு என்று பிரத்தியோகமாக புத்தகங்களும்,கடந்த வருட பரிட்சைகளில் கேள்வி- பதில்களோடு நிறையவே கிடைக்கின்றன.இணையத்தளங்களிலும் சம்பந்தப்பட்ட கேள்வி-பதில்கள் வழிமுறைகளோடு பதிவிறக்கம் செய்யும் வகையில் அதிகம் காணப்படுகின்றன.

லாஜிக் கேள்விகளை சாதாரணமாக எடுப்போடுவது தவறு,தினமும் இதற்கென்று நேரம் ஒதுக்கி பயிற்சி செய்வது அவசியம்.செமி தாள்கள் நிறைய வாங்கி ஒவ்வொரு மாதிரி கேள்விகளையும் விடாமல் பயிற்சி செய்து பார்க்கவும்.அதிகாலை

நேரம் மூன்றா திறன் கேள்விகளுக்கு பயிற்சி செய்வது உகந்த நேரம். ஒவ்வொரு நாளும் அதிகாலை 3 மணி நேரம் இதற்கென்று செலவிடுவது அவசியமாகிறது.

பொது அறிவுக்கென்று ஆண்டுப் புத்தகம் நிறையவே கிடைக்கிறது. அறிவியல், உலக வரலாறு, உலக புவியியல், இந்திய வரலாறு, பொருளாதாரம், சமூக அவலங்கள், இந்திய அரசியல், தேசிய நிகழ்வுகள், பண்ணாட்டு நிகழ்வுகள், சுற்றுப்புற சூழ்நிலையியல், போன்றவை இதில் அடக்கமாகும். இவை எல்லாவற்றையும் உள்ளடக்கிய அடிப்படை தகவல்களும், கோட்பாடுகளும் என்சிஇஆர்டி (NCERT) புத்தகங்களில் பொதிந்திருக்கின்றன. இவ்வகை புத்தகங்கள் அனைத்துமே இணையதளத்திலிருந்து இலவசமாக ஆக பதிவிறக்கம் செய்து பயன்பெறலாம்..

பொது அறிவு பாடங்களை ஒவ்வொரு நாளும் ஒவ்வொரு பாடத்திற்கும் அரை மணிநேரம் ஒதுக்கி குறிப்பெடுத்து படிப்பது அவசியம். மேற்குறிப்பிட்ட ஒவ்வொரு பாடங்களுக்கும் ½ மணிநேரம் என்ற விகிதத்தில் கணக்கிடுகிறபோது 5 மணிநேர உழைப்பு அவசியமாகிறது. இந்த 5 மணிநேரத்தை சிறிது சிறிதாக உயர்த்துகிற பட்சத்தில் பரிட்சையில் வெற்றிக்கான தூரம் குறைவாகி இலக்கை நோக்கி நம் நம்பிக்கை நம்மை உயர்த்துவது நம் கண் முன்னே உறுதியாக தெரிய வரும்.

மேலும் எடுத்துமுடித்த குறிப்புகளை எப்போதும் கூடவே வைத்திருங்கள். கல்லூரியில் எப்போது நேரம் கிடைத்தாலும் திரும்ப திரும்ப அக்குறிப்புகளை வாசிக்கும்பட்சத்தில் பச்சை மரத்தில் அடித்ததுபோல மனதில் பதிந்துவிடும். ஒவ்வொரு கருத்தும், நிகழ்வும் படிக்கிறபோது அது சம்பந்தப்பட்ட அறிவு, விரிவாக்கம் அடைவதாக உணர்க.

ஒவ்வொரு நாளும் 250-லிருந்து 300 புறநிலை கேள்விகள் (objective questions) படிப்பது, பயிற்சிஆக்குவது நன்று. அதுபோல ஒவ்வொரு கேள்வி-பதிலுடன் நீங்கள் செலவிடுகிற நேரத்தை பொருத்து அது உங்கள் நினைவில் தங்குகிறது. புறநிலை கேள்விகள் படிப்பது சாயங்கால நேரத்தில் இருக்கட்டும். மனம் சுறுசுறுப்பாக இருக்கும் நேரத்தில் விரிவாக இருக்க கூடிய பாடங்களை படித்து குறிப்பு எடுப்பதை வழக்கமாக கொள்ளுங்கள். ஒவ்வொரு கேள்வி-பதில் படிக்கின்றபோதும் உங்கள் வாழ்க்கையை நிர்ணயிக்கின்ற நேரமாக நினைத்து மகிழ்ச்சியுடன் படிக்க பழகவும்.

பயிற்சி காலத்தில் மிக முக்கியமான கடமை டைரி எழுதுவது. ஒவ்வொரு நாளும் எந்தெந்த பாடத்தை எப்போது படிக்க போகிறீர்கள் என்பதை காலையில் எழுந்தவுடன் டைரியில் எழுதிவிடவும். எடுத்துக்காட்டாக

மூன்றா திறன்: 4-7

செய்தித்தாள்கள்: 7.15-8.15

பொது அறிவியல்: 10-11

உலக வரலாறு: 11-12

உலக புவியியல்: 12-1

இந்திய பொருளாதாரம்: 2.30-3.30

இந்திய அரசியல்: 3.30-4.30

## சுற்றுப்புற சூழ்நிலையியல்:5-6

### உலக பிரச்சினைகள்:7-8

பயிற்சியை முடித்த பிறகு தினமும் உறங்கபோகும்முன் அன்று டைரியில் என்னென்ன வேலைகளை செயலாற்றி இருக்கிறீர்கள் என்பதை டிக் செய்யவும்.டைரியை தினமும் விடாமல் எழுதும் பட்சத்தில் இலக்கை நோக்கிய பாதையில் நாம் எங்கிருக்கிறோம்,இன்னும் எவ்வளவு தூரம் கடக்க வேண்டும் என்பது நமக்கு தெரியவரும்.போட்டி தேர்வு எழுதுபவர்களுக்கு இப்பழக்கம் மிக அவசியம்.கல்லூரிக் காலங்களில் மேற்கூறிய நேர அட்டவணையை தகுந்தாற்போல மாற்றிக்கொள்ளவும்.நம் இலக்கை அடைவதற்கு நேரத்தை திருடுவது தவறு அல்ல.

செய்தித் தாள்களில் இருந்து அன்றாட நிகழ்வுகளை குறிப்பெடுத்து பதிவு செய்வது தினசரி கடமைகளில் ஒன்று ஆகும்.எந்த தினசரி பத்திரிக்கை வரலாற்றோடு செய்திகளை ஆய்வு செய்து தருகிறதோ அந்த பத்திரிக்கை போட்டி தேர்வுகளுக்கு மிகவும் பயன்பாடாக இருக்கும்.தேசிய நிகழ்வுகளுக்கும்,பன்னாட்டு நிகழ்வுகளுக்கும் தனித்தனியே நோட்டுகளை வைத்து குறிப்பு எடுக்கவும்.நேரம் கிடைக்கும் போதெல்லாம் குறிப்புகளை திரும்பத் திரும்ப வாசித்து கொண்டே இருப்பது பயிற்சியின் முக்கிய அங்கம்.

எந்த ஒரு நிகழ்வையும் (அ) கருத்தையும் படிக்குமுன் அது சார்ந்த கேள்விகளை நிறைய எழுப்பி எழுதி கொள்ளவும்.உதாரணத்திற்கு சுற்றுப்புற சூழல் மாசுபடுதல்;ஒரோன் மண்டலம் பாழாதல்;பூமி வெப்பமடைதல்;பனிப்பாறைகள் உருகுதல்;கடல்நீர்மட்டம் உயருதல்;மக்களுக்கு ஆபத்து ஏற்படல்.இதுபோல ஒவ்வொரு கருத்தையும் “என்” என்ற கேள்விகளை எழுப்பி படிப்பதற்கு சாக்ரடியன் மாடல் (அ)டியாலேக்டிக்(Dialectic) முறையை என்று பெயர்.பின் இது சம்பந்தப்பட்ட புத்தகங்களை படிக்கும்போது சிறிது சிறிதாக பதில்கள் கிடைத்து தெளிவு பிறக்கும்.

பயிற்சி கால கட்டத்தில் மன இயல்பை எப்போதும் படித்ததை பற்றி மட்டுமே சிந்தித்துகொண்டும்,தொடர்புபடுத்திக்கொண்டும் இருப்பது நன்று.உதாரணத்திற்கு ஒளிவிளக்கை பார்க்கின்றீர்கள்; உடனே இதை கண்டுபிடித்தது யார்,எப்படி,எப்போது,எங்கே,பயன்கள் என்று மனதை ஒருமுகப்படுத்தி பயிற்சிக்கு உள்ளாக்குகிறபோது ஒவ்வொரு நாளும் நம்பிக்கை பெருக அதிக வாய்ப்பு உள்ளது.

பொது அறிவு வினாக்களை பொருத்தவரை ஒவ்வொரு நிகழ்வையும் (அ)கருத்தையும் பற்றி 10-லிருந்து 15 அடுக்கு தகவல்களை குறிப்பெடுப்பது அவசியமும் போதுமானதுமாக இருக்கிறது.எடுத்துக்காட்டாக காந்தியை பற்றி படிக்கின்றீர்கள்.காந்தி தெற்கு ஆப்ரிக்காவிலிருந்து திரும்பிய ஆண்டு;இந்திய தேசிய காங்கிரஸில் பங்கு;மாண்டேகு-செம்ச்போர்ட் சீர்திருத்தங்கள்; மத பிரதிநிதித்துவம்;ஜாலியன்வாலாபாக் படுகொலை;ஒத்துழையாமை இயக்கம்;சட்ட மறுப்பு இயக்கம்;வட்ட மேஜை மாநாடுகள்;காந்தி-இரவின் ஒப்பந்தம்;உப்பு சத்யாகிரகம்;வெள்ளையனே வெளியேறு இயக்கம்;கிரிப்ஸ் மிசன்;நேரு-காந்தி;பட்டேல்-காந்தி,அம்பேத்கர்-காந்தி;நடப்பு உலகில் காந்தியாவாதம்.மேற்கூறியது போல படிக்கின்ற அத்துணை விஷயத்திற்கும் 15- அடுக்கு தகவல் சேகரிப்பு மற்றும் குறிப்பெடுத்தல், ஊர்ஜிதமாக உங்கள் வெற்றியை உறுதிப்பெடுத்துகிறது.

திரும்ப திரும்ப பொது அறிவு பாடங்களை படிப்பது நாம் மறந்து போகாமல் இருப்பதற்கு வழிவகுக்கிறது.

இவை யாவையும் தாண்டி இந்த நிமிடம்,இந்த வேளையில் நம் இலக்கினை நோக்கி நாம் என்ன செய்யலாற்றிக்கொண்டிருக்கிறோம் என்ற விழிப்புணர்வும்,ஆத்ம ரீதியான உழைப்புமே நம்மை இவ்வகையான தேர்வுகளில் வெற்றிபெற செய்யும்.