

QUESTION 1

With reference to the Ramjets engines, consider the following statements:

1. These jet engines use the vehicle's forward motion to compress inflowing air for combustion without a rotating compressor.
2. Ramjets work efficiently at supersonic speeds around Mach 3.
3. The ramjet efficiency increases once the vehicle reaches hypersonic speeds – above Mach 5.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

QUESTION 2

Which of the following were the objectives of the Beti Padhao, Beti Bachao program?

1. Improving the Sex Ratio at Birth
2. To reduce gender differentials in under-five child mortality
3. Empowerment of the girl child.
4. To increase the enrollment of girls in secondary education

Select the correct answer using the codes given below:

- (a) 1 and 4 only
- (b) 2 and 3 only

(c) 3 and 4 only

(d) 1, 2, 3 and 4

QUESTION 3

With reference to the Indus Waters Treaty (IWT), consider the following statements:

1. The IWT was signed by India and Pakistan in 1960 to determine the distribution of the waters of the Indus and its tributaries.
2. It was signed in Delhi by then Prime Minister Jawaharlal Nehru and then Pakistan President Ayub Khan.
3. Under the IWT, India enjoys “unrestricted use” of the three “Western Rivers” Indus, Chenab, and Jhelum.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

QUESTION 4

With reference to the enemy property, consider the following statements:

1. It refers to the assets which are only immovable left behind in India by individuals who migrated to countries designated as “enemy nations” during times of conflict.
2. Under the Enemy Property Act, 1968, properties that are declared as enemy assets remain

permanently vested with the Custodian of Enemy Property, with no room for inheritance or transfer.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 5

“Stargate” was in the news recently. It refers to:

- (a) AI infrastructure in the US
- (b) A spherical shell around our solar system
- (c) AI-enabled precision spraying technology for farming
- (d) A portal for research and therapies for heart failure

QUESTION 6

With reference to the NVS-02, consider the following statements:

1. It is a navigation satellite on-board GSLV-F15 from Sriharikota.
2. It will be the 100th launch by the Indian Space Research Organisation (ISRO).
3. It has a lifespan of 12 years and is equipped with indigenously developed, more accurate atomic clocks.
4. It will utilise L1 frequency which is most commonly used in the US Global Positioning System (GPS).

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

QUESTION 7

Recently, Sivagalai, Adichanallur, Mayiladumparai, and Kilnamandi were in the news. These sites are associated with:

- (a) Iron Age in India
- (b) Sea ports
- (c) Chola temple sites
- (d) Paleolithic archaeological sites

QUESTION 8

With reference to the Guillain-Barré Syndrome (GBS), consider the following statements:

1. It is a rare neurological disorder wherein the body's immune system tends to attack the peripheral nerves.
2. It is triggered by infections like respiratory or gastrointestinal illnesses.
3. It is characterised by the sudden onslaught of weakness in the hands or legs.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

QUESTION 9

Operation Gibraltar is a military operation during:

- (a) India-Pakistan war 1947
- (b) India-China war 1962
- (c) India-Pakistan war 1965
- (d) India-Pakistan war 1999

QUESTION 10

Which of the following country's presidents will be the chief guest at the Republic Day celebrations in 2025?

- (a) Prabowo Subianto (Indonesia)
- (b) Abdel Fattah el-Sisi (Egypt)
- (c) Isaac Herzog (Israel)
- (d) Donald J. Trump (United States)

QUESTION 11

Narayan Apte, Vishnu Karkare and Madanlal Pahwa are the names associated with:

- (a) Revolt of 1857
- (b) Salt March in 1930 led by Gandhi.
- (c) Swadeshi Movement
- (d) None of the above

QUESTION 12

The poem was first published on August 16, 1904, in Lucknow-based historian and author Abdul Haleem Sharar's weekly journal, Ittehad. A version of this poem appeared a month later in Zamana, a monthly magazine published by Urdu poet and journalist Munshi Daya Narayan Nigam. A few months after this, the poet of the poem, then a 27-year-old lecturer at the Government College, Lahore, was invited by his student Lala Hardayal (who established the Gadar Party later) to address the Young Men's India Association. Instead of a speech, he sang this poem.

Which is the poem being referred above?

- (a) Nalay-e-Yatem
- (b) Tarana-e-Hind
- (c) Khak-e-Hind
- (d) Awaza-e-Qaum

QUESTION 13

With reference to Teesta bridge project, consider the following statements:

- 1. It will connect Bangladesh and West Bengal.

2. At present, the existing bridge over the Teesta River is the Coronation Bridge, whose foundation stone was laid by then-Bengal Governor Lord Curzon.

Which of the above given statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 14

Which of the statements below is true with reference to the 'EAST' reactor, recently seen in news?

- (a) It is associated with China's recent nuclear fusion breakthrough.
- (b) This reactor in the United States achieved a net gain in energy for the first time.
- (c) It reveals a fresh evidence to show that North Korea was building a large laser-ignited fusion research centre that could also be used to develop hydrogen bombs.
- (d) It is the largest fusion reactor, part of the international collaborative project called ITER.

QUESTION 15

With reference to the latest Annual Survey of Education Report (ASER), consider the following statements:

- 1. It found that there is an improvement in learning levels across states, led largely by private schools.
- 2. For the first time, it also included a section on digital literacy and found that more boys than girls report knowing how to use a smartphone.

Which of the above given statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 16

With reference to the Republic Day 2025, consider the following statements:

1. The parade's theme of the Republic Day 2025 was "Swarnim Bharat: Virasat aur Vikas."
2. The theme of Tamil Nadu's tableau was 'Etikoppaka Bommalu,' featuring eco-friendly wooden toys.
3. For the first time, a Tri-services tableau was displayed with the theme 'Shashakt aur Surakshit Bharat' (strong and secure India).

Which of the above given statements are true?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 3 only
- (d) 1, 2 and 3

QUESTION 17

Raksha Chakra, Tyag Chakra, Veerta Chakra and Amar Chakra are seen as a part of which national monument's architectural design?

- (a) India Gate
- (b) New Parliament building
- (c) National War Memorial
- (d) None of the above

QUESTION 18

With reference to National Critical Minerals Mission (NCMM), consider the following statements:

1. It will encompass all stages of the value chain, including mineral exploration, mining, beneficiation, processing, and recovery from end-of-life products.
2. The mission aims to encourage Indian private sector companies to acquire critical mineral assets abroad and enhance trade with resource-rich countries while discouraging the monopoly of public sector enterprises.

Which of the statements given above are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 19

With reference to the Sundarbans, consider the following statements:

1. These are the world's largest stretch of mangrove forests.
2. These forests have low carbon density.
3. These forests are located in India, Bangladesh and Thailand.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

QUESTION 20

The Palar Basin lies in:

1. Tamil Nadu
2. Maharashtra
3. Telangana
4. Andhra Pradesh
5. Karnataka

Select the correct answer using the codes given below:

- (a) 1, 2, 3, 4 and 5
- (b) 2, 3 and 4 only
- (c) 1, 3, 4 and 5
- (d) 1, 4 and 5 only

QUESTION 21

With reference to the asteroid Bennu, consider the following statements:

1. The sample from the asteroid was collected by the OSIRIS-REx spacecraft.
2. Rock and dust samples retrieved from the asteroid Bennu exhibit some of the chemical building blocks of life.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 22

The fur of polar bears contains an oily substance that helps them remain dry despite the creatures sliding on ice and diving into the water to hunt.

The substance is:

- (a) Aluminum sulfate
- (b) Per- and polyfluoroalkyl substances (PFAS)
- (c) Nitroglycerin
- (d) Perfluorooctane sulfonic acid

QUESTION 23

With the first launch of 2025, the Indian Space Research Organisation achieved the significant milestone of having carried out 100 launches. This satellite is one of the five replacement satellites for the Indian Regional Navigation Satellite System, also referred to as NavIC (Navigation with Indian Constellation). It is one of the five replacement satellites for the Indian Regional Navigation Satellite System, also referred to as NavIC (Navigation with Indian Constellation). It has been enabled with a third frequency L1, which is mostly utilised by the US Global Positioning System (GPS).

The above mentioned lines refer to:

- (a) ROBA-3 Mission

- (b) EOS-08 Mission

- (c) GSAT-7A Mission

- (d) NVS-02 Mission

QUESTION 24

Which of the following statements is/are correct about ammonia?

1. It is not dissolved in water.
2. It is a colourless gas.
3. It is widely used in industrial processes.
4. It is used as fertiliser.

Select the correct answer using the codes given below:

- (a) 2, 3 and 4
- (b) 3 and 4 only
- (c) 1, 2 and 3
- (d) 1, 3 and 4

QUESTION 25

With reference to the microplastics, consider the following statements:

1. These are tiny plastic particles that measure more than 5mm in diameter and less than 20mm.
2. It can block the flow of blood in the brains of mice.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 26

Which of the following correctly describes the services provided by NavIC?

- (a) Standard Positioning Service (SPS) for civilian use and Precision Positioning Service (PPS) for military use

- (b) Global Positioning Service (GPS) for civilians and Encrypted Positioning Service for the military
- (c) Standard Positioning Service (SPS) for general use and Restricted Service (RS) for military use
- (d) Restricted Service (RS) for civilians and Navigation Enhancement Service (NES) for military use

QUESTION 27

The term “H-1B visa” refers to:

- (a) A visa issued for tourists and temporary visitors.
- (b) A foreign worker visa for specialty occupations in the United States.
- (c) A student visa issued to foreign nationals for academic programs.
- (d) A visa for individuals seeking permanent residency in the United States.

QUESTION 28

Which of the following wetlands in India is a key habitat for the Indus River Dolphin?

- (a) Harike Wetlands
- (b) Ranjit Sagar Wetlands
- (c) Beas Conservation Reserve
- (d) Kanjli Wetlands

QUESTION 29

Which of the following new Ramsar sites were announced by India in 2025, ahead of World Wetlands Day?

1. Udhwa Lake (Jharkhand)
2. Theerthangal (Tamil Nadu)
3. Sakkarakottai (Tamil Nadu)
4. Khecheopalri (Sikkim)

Select the correct answer using the code given below:

- (a) 1, 2, and 3 only
- (b) 1, 3, and 4 only

(c) 1, 2 and 4 only

(d) 1, 2, 3 and 4

QUESTION 30

Which sport is the new 3×15 scoring system related to?

- a) Tennis
- b) Badminton
- c) Basketball
- d) Volleyball

QUESTION 31

A committee headed by former ISRO chief K Radhakrishnan was constituted by the Ministry of Education in November 2022, to recommend measures to strengthen the accreditation system.

What significant change in the accreditation process was recommended by the K. Radhakrishnan committee in 2022?

- a) Transition to a 10-point grading system
- b) Introduction of binary accreditation
- c) Decreased emphasis on peer team visits
- d) Addition of a new assessment parameter for teaching quality

QUESTION 32

The “M23 rebels,” recently seen in the news, are associated with which of the following countries?

- (a) Sudan
- (b) Democratic Republic of the Congo
- (c) Central African Republic
- (d) Ethiopia

QUESTION 33

Consider the following statements with reference to Extra Long Staple (ELS) cotton.

Statement I: Cotton farmers in India have been reluctant to adopt Extra Long Staple (ELS) cotton.

Statement 2: ELS cotton requires less water and inputs compared to regular cotton, making it unsuitable for large-scale cultivation.

- (a) Both Statement 1 and Statement 2 are true, and Statement 2 is the correct explanation of Statement 1.
- (b) Both Statement 1 and Statement 2 are true, but Statement 2 is not the correct explanation of Statement 1.
- (c) Statement 1 is true, but Statement 2 is false.
- (d) Statement 1 is false, but Statement 2 is true.

QUESTION 34

Consider the following statements regarding Parole and Furlough:

- 1. Parole and furlough are both forms of conditional release granted by the judiciary.
- 2. When a prisoner is released on furlough, the sentence continues to run during the release period.
- 3. Parole is generally granted for short-term imprisonment in specific exigencies, whereas furlough is usually granted for long-term imprisonment.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2, and 3

QUESTION 35

Consider the following statements regarding the Governor's role in lawmaking under Article 200 of the Indian Constitution:

- 1. The Governor can withhold assent to a Bill and send it back to the Assembly for reconsideration only once.
- 2. If the Assembly passes the Bill again without any changes, the Governor is still empowered to withhold assent indefinitely.

3. The Governor can reserve any Bill for the consideration of the President at their discretion.

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

QUESTION 36

Consider the following statements regarding Potash:

- 1. Potash is primarily used in the production of fertilizers.
- 2. Sulphate of Potash (SOP) contains chloride, which makes it suitable for carbohydrate-type crops.
- 3. Muriate of Potash (MOP) is commonly used for crops such as wheat.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1, 2, and 3

QUESTION 37

Consider the following statements:

Statement 1: The Arctic region is experiencing warming at a rate significantly higher than the global average.

Statement 2: The albedo effect reduces as sea ice melts, leading to greater absorption of solar radiation by exposed land and water.

In the context of the statements above, which one of the following is correct?

- (a) Both Statement 1 and Statement 2 are true, and Statement 2 is the correct explanation of Statement 1.
- (b) Both Statement 1 and Statement 2 are true, but Statement 2 is not the correct explanation of Statement 1.

(c) Statement 1 is true, but Statement 2 is false.

(d) Statement 1 is false, but Statement 2 is true.

QUESTION 38

Consider the following statements regarding FEAST software:

1. It is a software based on the Finite Element Method used for structural and heat transfer analysis.
2. It has been developed by the Defence Research and Development Organisation (DRDO).

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 39

The term 'Dunki Route' is related to:

- (a) A new railway corridor in India
- (b) An illegal immigration method
- (c) A trade route between India and Europe
- (d) A defense strategy

QUESTION 40

With reference to the Transforming Relationship Utilizing Strategic Technology (TRUST), consider the following statements:

1. It is India and the United States bilateral initiative for cooperation in the recovery and processing of critical minerals, including lithium and rare earth elements (REEs).
2. The TRUST initiative will open the channel for India's induction into the US-led Minerals Security Finance Network.

Which of the above given statements is/are true?

- (a) 1 only
- (b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

QUESTION 41

With reference to 'Einstein ring', recently seen in news, consider the following statements:

1. NASA's Euclid space telescope has discovered this rare ring of light.
2. It is essentially an example of gravitational lensing.

Which of the above given statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 42

"Hicklin test" is related to:

- (a) Physical fitness of sports professionals
- (b) Firing tests, durability tests, accuracy tests, and more for military weapons
- (c) Tests applied while sentencing an accused in a criminal case.
- (d) None of the above

QUESTION 43

Launched in 2023, the Young Professionals Scheme (YPS) is a reciprocal program under which nationals of two countries, aged 18 to 30, can live, study, travel, and work in the other country for up to two years. It is part of the Migration and Mobility Agreement that the two countries signed in 2021, capping the number of young professionals admitted to either country at 3,000 per year. **While India is one of the countries, which is the other?**

- (a) Canada
- (b) United States of America
- (c) United Kingdom
- (d) Australia

QUESTION 44

With reference to the signed copy of the Constitution by its framers, carrying 22 miniatures, consider the following statements:

1. While the Constitution was handwritten by calligrapher Nandalal Bose, the paintings were conceived and implemented in Santiniketan by artist-pedagogue Prem Behari Narain Raizada and his team.
2. The Preamble page has intricate patterns sketched by Beohar Rammanohar Sinha and bears his signature.
3. The Bull Seal, excavated from the Indus Valley region, is the first pictorial representation in the Constitution.

Which of the above given statements is/are true?

- (a) 1 and 3 only
- (b) 2 and 3 only
- (c) 2 only
- (d) 1, 2 and 3

QUESTION 45

With reference to 'Green bonds', consider the following statements:

1. Green bonds are debt instruments issued by governments, corporations, and multilateral banks to raise funds for projects that reduce emissions or enhance climate resilience.
2. Issuers offer green bonds at higher yields than conventional bonds, creating a "green premium" (or greenium) that reflects the cost advantage of financing exclusively green investments.

Which of the above given statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 46

The Prime Minister Dhan-Dhaanya Krishi Yojana (PMDKY) is based on which of the following parameters?

1. low productivity
2. moderate crop intensity
3. below-average credit parameters
4. financial inclusion & skill Development
5. agricultural education

Select the correct code:

- (a) 1 and 3 only
- (b) 1, 2 and 3 only
- (c) 2, 3, 4 and 5 only
- (d) 1, 2, 3, 4 and 5

QUESTION 47

'Horizon 2047' Roadmap, seen in news, refers to:

- (a) US plan for Gaza
- (b) World Bank Forest Action Plan
- (c) India-France relations
- (d) NASA's manned space program

QUESTION 48

Which of the following statements about the Mazargues Indian Memorial is/are correct?

1. The memorial in France commemorates soldiers from both World War I and World War II.
2. A majority of the soldiers commemorated were Indian soldiers who fought for the British.
3. The memorial was unveiled by India's Prime Minister Narendra Modi and France President Emmanuel Macron.

Select the correct answer using the code below:

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

QUESTION 49

With reference to the Indigenous RISC-V Controller for Space Applications (IRIS), consider the following statements:

1. IRIS has been jointly developed by ISRO and IIT Madras.
2. It is built on the SHAKTI processor baseline, which is based on the RISC-V architecture.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

QUESTION 50

With reference to President Rule, consider the following statements:

1. The Supreme Court comprehensively examined the power to impose President's Rule and its effect

on Centre-state relations in the case of *S R Bommai v Union of India*.

2. The President's power to issue a proclamation under Article 356 cannot be subject to judicial review.
3. Manipur and Uttar Pradesh are the states (including UTs) that have spent the most time under central control.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Answer Key

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