



UPSC CSE(2026) PRELIMNS

GENERAL STUDIES PAPER 1 SET A

ANSWER KEY

1. Answer: (d) Dheera Shankarabharanam

Solution: Raga Bilawal in Hindustani music corresponds closely to **Dheera Shankarabharanam** in Carnatic music.

2. Answer: (a) Aiding the flow of remittances from India and maintaining India's creditworthiness

Solution: The Hilton–Young Commission recommended exchange-rate arrangements mainly to maintain external financial stability and preserve confidence in the rupee.

3. Answer: (c) Both 1 and 2

Solution: References to coins in Pali texts indicate both **urban development** and a **transition toward a money economy**.

4. Answer: Answer: (b) 2 and 3

Solution:

1. Malegitti Shivalaya, Badami → Early Chalukyan temple with **Dravida style**, not Nagara ✗

2. Huchimalligudi Temple, Aihole → Has **Nagara-style shikhara** ✓

3. Dashavatara Temple, Deogarh → Classic **Nagara-style temple** of Gupta period ✓

4. Virupaksha Temple, Pattadakal → Primarily **Dravida style**

✓X (not Nagara)

5. Answer: (b) Yaksha (demi-gods)

Solution:

In Jainism, the **four main forms (gati) of existence** are:

1. **Deva** – gods
2. **Manushya** – humans
3. **Tiryancha** – animals/plants
4. **Naraka** – hell beings

Yaksha are attendant deities/demi-gods and are **not one of the four principal forms of existence**.

6. Answer: (a) A joyous folk dance

Solution:

The **Hallisalasya painting** in the **Bagh Caves** depicts a **joyous folk dance scene** with dancers in lively movement. It reflects the secular and cultural themes of Bagh cave paintings.

7. Answer: (d) 1, 2 and 3

Explanation: The Indian decimal place-value system is evidenced in inscriptions from the 6th century onward and spread widely by the 9th century, including to Southeast Asia.

8. Answer: (a) 1 and 2 only

Explanation: Household spinning activity and standardized weights indicate scientific and economic organization; large houses do not prove a common property system.

9. Answer: (c)

Explanation: Bardoli Satyagraha opposed enhanced land revenue, while the Eka Movement opposed excessive rents and exploitation by landlords.

10. Answer: (c) 1 and 3 only

Solution:

Statement 1: Correct ✓

Rigveda mentions **ashma chakra (stone pulley wheel)** and **ahava (wooden pails)** used to draw water from wells, supporting irrigation expansion.

Statement 2: Incorrect ✗

Mention of tools like **axe and sickle** only indicates agricultural activity; it does **not directly support well irrigation or animal-powered water lifting**.

Statement 3: Correct ✓

Use of **oxen for ploughing and pulling carts** supports the possibility of draught-animal power being used.

Therefore, supporting information = **1 and 3 only**

11. Answer: (d) 3

Solution: Presence of the same species of dolphins in the Indus and Ganga systems supports river-course changes. The other statements are not direct evidence for the assertion.

12. Answer: (c) The Buddha's Mahaparinibbana

Solution: In early Buddhist aniconic representation, an empty throne/seat symbolized the Buddha's presence and particularly his Mahaparinibbana.

13. Answer: (C) 3 only

Solution:

Vitasta → Chenab ✗ (Vitasta = Jhelum)

Asikni → Jhelum ✗ (Asikni = Chenab)

Parushni → Ravi ✓

Vipash/Vipasha (here written Yayuvati) → Beas ✓

Hence only **3 only**

14. Answer: (b) 1 and 3 only

Solution:

1. Correct ✓ — Amaravati Stupa was located in the **lower Krishna valley** in present-day Andhra Pradesh.

2. Incorrect ✗ — Amaravati was **not next only to Sanchi in size**; this statement is not historically accepted.

3. Correct ✓ — The **Amaravati school of sculpture** strongly influenced later South Indian art and spread to **Sri Lanka and Southeast Asia**.

Therefore, correct statements are **1 and 3 only**.

15. Answer: (b) 2 only

Solution:

Senguttuvan → Chera ✓

Udiyanjeral → Chola ✗ (he belonged to Chera)

Nedunjelidan → Pandya ✓

16. Answer: (b) 1, 2 and 4

Solution:

1. Correct ✓ — Bose failed to gain the confidence/support of Mahatma Gandhi after the Tripuri Congress session.

2. Correct ✓ — The Congress Left remained divided and could not unite behind Bose.

3. Incorrect ✗ — Communists did extend support to Bose at different stages; this statement is too absolute.

4. Correct ✓ — Supporters of M.N. Roy and socialist leaders like Jayaprakash Narayan preferred preserving Congress unity.

17. Answer: A(2 and 3)

Solution: Under Awadh annexation policy, taluqdars lost estates, summary settlements weakened them, and British revenue collection increasingly bypassed them.

18. Answer: (d) 1, 2 and 3

Solution: Separate electorates under the Montagu–Chelmsford Reforms reinforced community-based politics and were used to fragment nationalist unity.

19. Answer: (d) Jaipur-Atrauli Gharana

Solution: Pandit Mallikarjun Mansur was a renowned representative of the Jaipur-Atrauli tradition.

20. Answer: (b) Atharvaveda

Solution: The term Kshetra-patni (“mistress of the field”) appears in the Atharvaveda in the context of agricultural fertility and ritual practices.

21. Climate Change – Answer: (b) 1 and 2

Solution:

Statement I is correct — LT-LEDS is part of India's long-term net-zero strategy for 2070.

Statement II supports Statement I because reduced greenhouse gas emissions indicate progress toward long-term climate goals.

Statement III is incorrect because climate-resilient development is based on long-term sustainable transition, not merely quick short-term emission cuts.

22. Western Hoolock Gibbons

Answer: (b) 1 and 2

Solution:

Statement 1 is correct — Western Hoolock Gibbons are found in Northeast India and are listed as *Endangered* by IUCN.

Statement 2 is correct — they are excellent brachiators (swing between trees using arms).

Statement 3 is incorrect — they are light-bodied apes, not heavy like gorillas.

23. Mangrove Ecosystems and Climate Resilience

Answer: (d) 3 only

Solution:

Statement 1 is incorrect — mangroves are not mainly protected for paddy cultivation.

Statement 2 is incorrect — mangroves do not convert coastal land into freshwater aquaculture zones.

Statement 3 is correct — mangroves act as natural bio-shields against tidal surges and also support livelihoods.

24. Vizhinjam International Seaport

Answer: (d) 3 only

Solution:

Statement 1 is incorrect — Vizhinjam is not meant to function exclusively as a domestic cargo hub; it aims to compete internationally in trans-shipment.

Statement 2 is incorrect — the port is mainly focused on cargo and trans-shipment, not passenger cruise tourism.

Statement 3 is correct — its natural deep draft and strategic location help reduce dependence on foreign ports like Colombo and improve India's maritime trade position.

25. Identify the River

Answer: (b) Indus

Solution:

Indus has an **antecedent drainage system**.

It flows through **China (Tibet), India, and Pakistan**.

It originates in the **Tibetan Plateau** and is important for irrigation.

Main distributaries are absent in its upper course.

26. Indian States Boundaries

Answer: (d) 3 only

Solution:

Statement 1 is correct — Uttar Pradesh shares borders with the highest number of Indian States.

Statement 2 is correct — Rajasthan has the longest international border among Indian States.

Statement 3 is incorrect — Sikkim is not the only state sharing boundary with just one Indian state; Meghalaya and others also have limited state borders.

27. Amur Falcons at Doyang Lake

Answer: (a) 1 only

Solution:

Statement 1 is correct — conservation efforts in Nagaland helped protect Amur Falcons during migration.

Statement 2 is incorrect — their migration is guided naturally, not by advanced tracking technologies.

Statement 3 is incorrect — Amur Falcons are migratory birds and have not permanently settled in India.

28. Answer: (d) 1 and 3

Solution:

Statement 1 is correct — NMSA promotes rainwater harvesting and efficient irrigation.

Statement 2 is incorrect — NMSA is not focused only on organic farming.

Statement 3 is correct — it includes climate-resilient agricultural practices.

29-Oeko-Tex certification for Eri Silk

Answer: (c) Both 1 and 2

30. Countries whose ships must cross the Strait of Hormuz to reach the Indian Ocean

Answer: (b) 1 and 3

Solution:

Bahrain ✓ — Located in the Persian Gulf; ships pass through **Strait of Hormuz**.

Syria ✗ — Has Mediterranean coast, not Persian Gulf.

Qatar ✓ — Located in Persian Gulf; ships use Hormuz.

Egypt ✗ — Accesses Indian Ocean through Suez–Red Sea route.

31. Global Gender Gap Index 2025

Answer: (a) Iceland

Solution:

Iceland has consistently ranked first in the Global Gender Gap Index due to strong performance in political empowerment, education, and healthcare equality.

32. Madhav National Park

Answer: (b) 1 and 2

Solution:

Statement 1 is incorrect — Madhav National Park is not a Tiger Reserve in India currently.

Statement 2 is incorrect — it is located in **Madhya Pradesh**, not Rajasthan.

Statement 3 is correct — it lies between the Vindhya and Aravalli-linked uplands/plateau region of Madhya Pradesh.

33. Answer: (b) 1 and 2

Solution:

1 **Correct** — Andaman & Nicobar Islands have a **humid tropical coastal climate**.

2 **Correct** — They receive rainfall from both **South-West and North-East monsoons**.

3 **X Incorrect** — Maximum rainfall occurs mainly **May–December**, not December–May.

34. Answer: (b) 1 and 2

Solution:

1 **Correct** — The **western coast experienced submergence** due to tectonic activity, producing features like estuaries.

2 **Correct** — **Veliconda Hills and Mahendragiri Hills** are examples of **residual hills** in Peninsular India.

3. **Incorrect** — Deep **V-shaped valleys** are mainly characteristic of youthful Himalayan rivers; Peninsular rivers are generally mature with broad valleys.

35. Answer: (b) 2 and 3

Solution:

Statement 1 is incorrect — Sagarmala is not limited only to port-led economic growth through coastal and sustainable infrastructure.

Statement 2 is correct — it aims to improve logistics and reduce shipping costs through port modernization and connectivity.

Statement 3 is correct — it aligns with initiatives like Atmanirbhar Bharat and Viksit Bharat 2047.

36. Answer: (b) 1 and 3

Solution:

Statement 1 is correct — it is an ecologically rich biodiversity hotspot.

Statement 2 is incorrect — the species are not confined only to Northeast India.

Statement 3 is correct — it is the home of Arunachal Pradesh and Assam river systems and forests with rich flora and fauna.

37. Answer: (c) 3 only

Solution:

Moidams of the Tai-Ahom kingdom are **burial mounds/tombs of Ahom royals and nobles**, similar to pyramidal burial structures.

1. Army fortresses ✗
2. Recreation centres ✗
3. Burial grounds of royals and nobles ✓
4. Battle drill centres ✗

38. Answer: (b) Better production, better nutrition, better environment and better life

Solution:

FAO's "**Four Betters**" framework for Blue Transformation consists of:

1. **Better Production**
2. **Better Nutrition**
3. **Better Environment**
4. **Better Life**

39. Answer: (b) 1 and 3 only

Solution:

1.**Correct** — Lake Turkana is the **largest permanent desert lake in the world** and also the largest alkaline lake.

2.**Incorrect** — It is located mainly in **northern Kenya** (extending slightly into Ethiopia), not South Sudan, and is in the **East African Rift Valley**, not along the Sahara.

3.**Correct** — It is a **UNESCO World Heritage Site** and is popularly called the “**Jade Sea**” due to its turquoise-green color.

40. Answer: (c) Khasi Hills Community REDD+ project

Solution:

The **Khasi Hills Community REDD+ Project (Meghalaya)** became **India’s first Plan Vivo-certified REDD+ project**. It is community-led and focuses on reducing deforestation while improving local livelihoods.

41. Answer: (c) 1 and 2 only

Solution:

Statement 1: Correct

Genetic medicine (gene therapy, mRNA therapies, etc.) aims to correct defective genes or compensate for their effects.

Statement 2: Correct

Delivery systems such as:

Viral vectors (engineered viruses)

Lipid nanoparticles (used in mRNA delivery)

are commonly used carriers.

Statement 3: Incorrect

Genetic medicines generally modify or target specific genes/sequences—not the entire DNA sequence of an organism.

Therefore only statements **1 and 2** are correct.

42. Answer: (b) 1 and 2 only

Solution:

Statement 1: Correct

LLMs predict the next token/word using probability distributions.

Statement 2: Correct

Training uses optimization methods (gradient descent, backpropagation) to reduce prediction error.

Statement 3: Incorrect

LLMs can inherit biases from training data; therefore outputs are not guaranteed unbiased.

Hence statements **1 and 2 only** are correct.

43. Answer: (c) 1 and 2 only

Solution:

Statement 1: Correct

Stealth aircraft reduce radar cross-section and use Radar Absorbing Materials (RAM).

Statement 2: Correct

Low-frequency radars and specific detection methods can sometimes detect stealth objects.

Statement 3: Incorrect

Stealth design aims to **reduce** reflection/scattering, not increase it.

Thus statements **1 and 2 only** are correct.

Answer: (c) 1 and 2 only

44. Answer: (b) 2 and 3 only

Solution:

Statement 1: Incorrect

Black boxes contain an **Underwater Locator Beacon (ULB)** emitting ultrasonic acoustic pulses—not red light pulses.

Statement 2: Correct

Black boxes include:

Cockpit Voice Recorder (CVR)

Flight Data Recorder (FDR)

Statement 3: Correct

Memory units are housed in highly durable materials such as titanium or stainless steel.

Hence statements **2 and 3 only** are correct.

45. Answer: (b) 2 and 3 only

Solution:

1.Incorrect — Hydrogen from natural gas with CCS is **Blue Hydrogen**, not Green Hydrogen.

2.Correct — Green hydrogen is produced by electrolysis using renewable energy.

3.Correct — National Green Hydrogen Mission targets ~50 MMT annual greenhouse gas emission reduction by 2030.

46. Answer: (c) 1 and 2 only

Solution:

1.Correct — IN-SPACE is an autonomous agency to facilitate private participation.

2. Correct — Agnikul Cosmos launched the world's first flight using a 3D-printed rocket engine.

3. Incorrect — Skyroot developed cryogenic engines; GSLV uses ISRO-developed propulsion systems.

47. Answer: (b) 2 and 3 only

Solution:

1. Incorrect — Drone swarms generally use RF/Mesh communication; terahertz communication is not standard.

2. Correct — Drones communicate with each other in a swarm.

3. Correct — GPS spoofing is used to disrupt swarm navigation.

48. Answer: (b) 2 and 3 only

Solution:

1. Incorrect — It is not part of the Human Genome Project.

2. Correct — Funded by Department of Biotechnology (DBT).

3. Correct — Aim is to create a catalogue of Indian genetic diversity.

49. Answer: (c) Both 1 and 2

Solution:

1. Correct — NQM aims to develop intermediate-scale quantum computers with **50–1000 physical qubits**.

2. Correct — Mission includes establishment of **four Thematic Hubs (T-Hubs)** in leading institutions.

50. Answer: (b) 2 and 3 only

Solution:

- 1.Incorrect — It was launched by the **Ministry of Earth Sciences**, not Ministry of Ports, Shipping and Waterways.
- 2.Correct — **Matsya-6000** is designed to carry **3 people** for deep ocean exploration.
- 3.Correct — **Samudrayaan** is a project under the Deep Ocean Mission.

51. Answer: (c) Accountability

Solution:

Mr. X reported wrongdoing, acted transparently, and took responsibility for public welfare despite pressure. This reflects **answerability and responsibility in public service**.

52. Answer: (a) 1, 3 and 4 only

Solution:

1. ✓ Acknowledging tribal cultural concerns is essential for trust-building.
2. ✗ Ignoring tribal rights and proceeding immediately is not sustainable.
3. ✓ Multi-stakeholder dialogue helps reduce tensions and create consensus.
4. ✓ Independent ESIA with transparent sharing supports evidence-based decisions.

53. Answer: (b) 3 only

Solution:

- 1.Incorrect — Immediate public disclosure may violate procedure and confidentiality.

2.Incorrect — Removing contractor without proven legal grounds is unfair.

3.Correct — Limited disclosure to an oversight body balances transparency, due process, and public interest.

54. Answer: (d) The view of only 'Y' is correct

Solution:

Article **13(3)(a)** defines *law* very broadly and includes **ordinances, orders, bye-laws, rules, regulations, notifications, customs and usages having the force of law.**

X is wrong because he denied inclusion of **custom**. **X**

Y is correct because custom/usage having force of law is included. **✓**

55. Answer: (b)

1.Correct — Constitution nowhere officially states it shall be called “Constitution of India”; it begins with “We, the people of India...” and Article 1 says India is Bharat.

2.Correct — Constitution does not explicitly state repeal of the Indian Independence Act, 1947 and Government of India Act, 1935.

3.Incorrect — Constitution does not mention 26 January 1950 as date of commencement; commencement is provided separately.

56. Answer: (b) 2 only

Solution:

1.Incorrect → Rights of Persons with Disabilities Act was passed in **2016**, not 2018.

2. Correct → Sugamya Bharat Abhiyan aims for universal accessibility in built infrastructure, transport, and ICT.

3. Incorrect → NDFDC functions under **Department of Empowerment of Persons with Disabilities**, not Ministry of Corporate Affairs.

57. Answer: (a) There are two correct statements, that include statement 2

Solution:

1. Incorrect — Tribal Areas of **Assam, Meghalaya, Tripura and Mizoram** are under the **Sixth Schedule**, not Fifth Schedule.

2. Correct — Certain tribes/tribal incomes enjoy **Income Tax exemptions** under specified provisions.

3. Correct — Constitution provides reservation in Panchayats for **SC/ST women** under **Article 243D**.

Thus, **statements 2 and 3 are correct**.

58. Answer: (c) There is only one correct statement

Solution:

1. Incorrect — Unstarred questions require **written answer**, not oral answer.

2. Incorrect — Starred questions receive **oral answer**.

3. Correct — Supplementary questions cannot be asked on unstarred questions.

59. Answer: (d) There is no correct statement

Solution:

1. Incorrect — Chairperson is appointed by Speaker, not Rajya Sabha Chairman.

- 2.Incorrect — Composition stated is wrong.
- 3.Incorrect — Ministers are not barred in that manner.
- 4.Incorrect — Tenure statement is incorrect.

60. Answer: A 1,2 and 3 only

Solution:

- 1.Correct — Mission Sudarshan Chakra strengthens air defence and ballistic missile defence.
- 2.Correct — It aims at rapid and powerful defence responses.
- 3.Correct — Claim about covering all public places by 2035 is part of the mission.

61. Answer: (d) 3 only

Solution:

- 1.Incorrect — Maitri Setu over Feni River connects **Sabroom (India)** with **Ramgarh (Bangladesh)**, not vice versa.
- 2.Incorrect — **Jhulaghat suspension bridge** connects **India and Nepal**, not Myanmar.
- 3.Correct — **Mechi Bridge** connects **Panitanki (India)** with **Kakarvitta (Nepal)**.

62. Answer: (c) 1 only

Solution:

- 1.Correct — Zero FIR can be lodged at any police station irrespective of jurisdiction.
- 2.Incorrect — Preliminary enquiry is not a general rule under Zero FIR.
- 3.Incorrect — Electronic furnishing is not mandatory in all cases.

63. Answer: (a) 1

Solution:

1. Correct — CEIB coordinates among law-enforcement agencies under Ministry of Home Affairs.
2. Correct — SFIO investigates serious corporate frauds under Ministry of Corporate Affairs, not Finance → row incorrect.
3. Incorrect — CBI comes under DoPT; function given is of enforcement/economic agencies, hence mismatch.

Only **one row** is correctly matched.

64. Answer: (d) 3, 4 and 5

Solution:

1. Employment Policy Convention — India ratified.
2. Abolition of Forced Labour Convention — India ratified.
3. International Convention on Rights of Migrant Workers — Not ratified.
4. Geneva Convention relating to Protection of Civilian Persons in Time of War — not ratified as stated in this context.
5. Convention on Reduction of Statelessness — Not ratified.

65. Answer: (b) 1 and 2 only

Solution:

1. Correct — Summit framework centered around People, Planning and Progress.
2. Correct — Summit emphasized democratic AI and local ecosystem support.
3. Incorrect — Seven Chakras/Pillars statement is not correctly framed.

66. Answer: (a) 1 and 2

Solution:

1. Kaladan Multi-Modal Transit Transport Project — India–ASEAN connectivity initiative.
2. IMT Trilateral Highway — India–Myanmar–Thailand connectivity initiative.
3. Agartala–Akhaura Rail Line — India–Bangladesh project, not ASEAN cooperation.

67. Answer: (b) A-3, B-2, C-4, D-1

Solution:

- A. Mangdechhu Hydroelectric Project → Bhutan (3)
- B. Restoration of Stor Palace → Afghanistan (2)
- C. District Hospital at Dickoya → Sri Lanka (4)
- D. Institute of Security and Law Enforcement Studies → Maldives (1)

68. Answer: (a) 1 and 2

Solution:

1. Su-30 MKI Fighter Jets — manufactured in India by HAL under licensed production.
2. T-90 MK-III Tanks — manufactured in India under transfer of technology.
3. Akula Class Submarine — Russian-origin nuclear submarine; India leased, not manufactured in India.

69. Answer: (c) 2 and 3 only

Solution:

1. Incorrect — Colombo Process is a consultative process; decisions are not binding.
2. Correct — Abu Dhabi Dialogue is voluntary and promotes labour mobility cooperation.

3. Correct — Global Forum on Migration and Development is a voluntary, non-binding platform.

70. Answer: A

Solution:

Only one of the listed organizations, the United Nations High Commissioner for Refugees (UNHCR), has been awarded the Nobel Peace Prize twice.

Here is the breakdown for each organization:

World Food Programme (WFP): Awarded once (2020).

United Nations Children's Fund (UNICEF): Awarded once (1965).

United Nations High Commissioner for Refugees (UNHCR): Awarded twice (1954 and 1981).

International Labour Organization (ILO): Awarded once (1969).

Since only UNHCR fits the criteria, the correct option is (a) 1.

71. Answer: (b) A-3, B-1, C-4, D-2

Solution:

UNMIL → **2003–2018** → **3** ✓

MINURCAT → **2007–2010** → **1** ✓

MINUSTAH → **2004–2017** → **4** ✓

UNMISSET → **2002–2005** → **2** ✓

Thus: **A-3, B-1, C-4, D-2**

72. Answer: (a) A-3, B-2, C-1, D-4

Solution:

A. BIMSTEC Cultural Industries Observatory → Colombo (3)

B. BIMSTEC Energy Centre → Bengaluru (2)

C. BIMSTEC Centre for Weather and Climate → NOIDA (1)

D. BIMSTEC Technology Transfer Facility → Thimphu (4)

73. Answer: (D) Solution:

33 Corps (Trishakti Corps): Its headquarters is located in Sukna (near Siliguri), West Bengal.

The Indian Army Corps headquartered in Srinagar is the 15 Corps (Chinar Corps).

All other pairs (3 Corps in Dimapur, 4 Corps in Tezpur, and 14 Corps in Leh) are correctly matched.

74. Answer: (a) 1 and 2

Solution:

1. Correct — Revamped RGSA period: 1 April 2021–31 March 2026.

2. Correct — Focuses on strengthening Panchayati Raj Institutions for SDGs.

3. Incorrect — Central share is not 100% for all States and UTs.

75. Answer: (c) 2 and 3

Solution:

Poland and Germany are members of the European Union.

Belarus and Switzerland are not EU members.

76. Answer: (c) A-4, B-2, C-1, D-3

Solution:

Silver Notice → identify and trace criminal assets → **4**

Blue Notice → collect information on a person → **2**

Black Notice → seek information on unidentified bodies → **1**

Green Notice → warning about a person's criminal activities → **3**

77. Answer: B

Solution:

Statements 1 and 3 only are correct; the lead institute for Vertical 2 is the Indian Council of Forestry Research and Education (ICFRE), not the Central Zoo Authority.

78. Answer: (b) 1 and 4

Solution:

1.Incorrect — No MoU signed between All India Institute of Ayurveda and University of Hamburg.

2.Correct — MoU on Youth Hockey Development signed between Hockey India and German Hockey Federation.

3.Correct — Bilateral dialogue mechanism on Indo-Pacific established.

4.Incorrect — Germany opened Honorary Consulate in Hyderabad, not Lucknow.

79. Answer: C-Both Correct

80. Answer: (C) 1 and 2 only

Solution:

1.Correct — Standard designated **IS 19445:2025**.

2.Correct — Improves interoperability among agencies.

3.Incorrect — It was developed by TBRL, DRDO but not with Russia's 30th Central Scientific Research Institute as stated.

81. Answer: (C-John Clarke)

Solution:

Born in UK; awarded Nobel Prize in 2025 and was serving as professor at an American university.

82. Answer: (A) 1,2,3

Solution:

- 1.correct — Grand Slam tournaments do not have a shared governance structure; each tournament is independently organized.
- 2.Correct — Entry is open to internationally ranked players above age eligibility requirements.
- 3.Correct — Wild Card entries are limited in number.

83. Answer: (C) HCL–Foxconn Joint Venture Ltd. : Madhya Pradesh

Solution:

- CG Power partnership → Gujarat ✓
Tata Semiconductor Assembly and Test → Assam ✓
HCL–Foxconn JV → Not Madhya Pradesh ✗
SicSem Pvt. Ltd. → Odisha ✓

84. Answer: (A) 1 only

Solution:

- 1.Correct — Bharat Forecast System aims for **high-resolution forecasts at Panchayat cluster level.**
- 2.Incorrect — It was developed by **IITM Pune (with IMD support)**, not IIT Delhi.

85. Answer: A(1,2,3)

86. Answer: (C) 1, 2 and 4

Solution:

1. Correct — Blockchain records are difficult to alter once accepted.
2. Correct — Blockchain data copies exist across multiple computers in a network.
3. Incorrect — Consortium blockchain combines features but statement is inaccurately framed.
4. Correct — Cryptographic algorithms make accepted records tamper-resistant.

87. Answer: (A) Dropshipping Model

Solution:

Seller lists products without stocking inventory; supplier ships directly to customer.

88. Answer: (C) Banking access, GDP contribution, and Financial literacy

Solution:

RBI's Financial Inclusion Index has three sub-indices: **Access, Usage, and Quality.**

89. Answer: (C) To break the dominance of large e-commerce platforms by enabling interoperability across networks

Solution:

ONDC promotes open-network interoperability and decentralization.

90. Answer: (D) In both UPI and Digital Rupee, the liability lies with users and their respective banks

Solution:

This statement is incorrect. Digital Rupee is a liability of RBI, not commercial banks.

91. Answer: (A) 1, 2 and 3

Solution:

1. Correct — RWA tokenization converts assets into blockchain-based digital tokens.
2. Correct — Enables wider access and inclusion.
3. Correct — Can expand investment access opportunities.

92-Answer-C-Sustainability Bond

93. Answer: (B) 2 only

Solution:

1. Incorrect — M1xchange does not provide collateral-based loans.
2. Correct — M1xchange facilitates discounting of invoices and Bills of Exchange for MSMEs.
3. Incorrect — It is not a credit rating agency.

94. Answer: (B) A situation where Government borrowing leads to higher interest rates, which reduces private investment

Solution:

Crowding Out Effect = Government borrowing raises interest rates and reduces private-sector investment.

95. Answer is (A) 1 and 3 only.

Statement 1 is correct: Rare Earth Elements (REEs) are critical components in modern high-tech hardware, including high-strength magnets used in robotics, specialized sensors for space exploration, and advanced hardware for Artificial Intelligence.

Statement 2 is incorrect: While China leads global REE mining by a large margin (approximately 70%), it is followed by countries like the United States, Myanmar, and Australia. According to Statista, India's share in actual mine production remains relatively low.

Statement 3 is correct: The Government of India announced the Critical Mineral Mission in the Union Budget 2024-25, and the National Critical Mineral Mission (NCMM) was officially approved by the Union Cabinet in January 2025 to secure the supply chain for essential minerals.

Statement 4 is incorrect: Rare Earth Elements consist of 17 metallic elements, not 13. These include the 15 lanthanides plus scandium and yttrium.

96 Answer is (C) Both 1 and 2.

Statement 1 is correct: Aviation Hull Insurance specifically covers physical damage to the aircraft itself, which includes the fuselage (body), propulsion systems (engines), and specialized on-board equipment.

Statement 2 is correct: The Montreal Convention (1999), which India ratified in 2009, established a two-tier liability regime for international travel. Under the first tier (up to approx. 128,821 SDRs), airlines are subject to strict liability, meaning the family of a deceased passenger is entitled to compensation without having to prove the airline was at fault. More details on these rights can be found through the International Civil Aviation Organization (ICAO).

97. Answer: (C) Both 1 and 2

Solution:

1. Correct — Crowdfunding collects small amounts from many people through online/social platforms.
2. Correct — SMEs can raise capital without traditional rigorous procedures.

98. Answer: D(2and 4)

99. Answer: (A) 1 and 4

Solution:

1. Correct — NBFCs cannot accept demand deposits.
2. Incorrect — Not all NBFCs require RBI registration.
3. Incorrect — NBFCs are not part of payment and settlement system and cannot issue cheques on themselves.
4. Correct — DICGC insurance is not available for NBFC deposits.

100. Answer: (A) 1 and 2 only

Solution:

1. Correct — MPI uses Alkire–Foster methodology.
2. Correct — NITI Aayog MPI uses 12 indicators.
3. Incorrect — Maternal Health and Bank Account are not common indicators in both NITI and UNDP MPI.

PRABHA IAS ACADEMY