

10 PM Current Affairs Quiz Weekly Compilation

For UPSC CSE Prelims

Aug, 2026 4th Week

10 PM MCQs (24 August)

Q1. Consider the following statements regarding Mission CosmoCube:

1. CosmoCube aims to study the period between the Big Bang and the formation of the first stars.
2. It is proposed to operate in orbit around the Moon and collect observations at extremely low radio frequencies.

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

Answer: (c) Both 1 and 2

Explanation: CosmoCube is a proposed mission to study the cosmic dark age, the period between the Big Bang and the formation of the first stars. The spacecraft is proposed to orbit the Moon and detect faint radio signals at extremely low frequencies.

Source- [IE](#)

Q2. Consider the following pairs:

- | Exercise | Place |
|----------------------|-------------|
| 1. MAITREE-XV | — Thailand |
| 2. Pitch Black 2026 | — Malaysia |
| 3. Udara Shakti 2026 | — Indonesia |

How many of the above pairs are correctly matched?

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

Answer: (a) Only one

Explanation: MAITREE-XV is being conducted in Thailand. Exercise Pitch Black 2026 is being conducted in Australia, while Udara Shakti 2026 is being conducted in Malaysia.

Source- [NOA](#)

Q3. Iturup Island, recently in the news, is a disputed territory between:

- (a) Russia and Japan
- (b) Russia and China
- (c) Japan and South Korea
- (d) China and South Korea

Answer: (a) Russia and Japan

Explanation: Iturup Island, known as Etorofu in Japan, is one of the southernmost Kuril Islands. It is administered by Russia but claimed by Japan, which considers it part of the Northern Territories.

Source- [MT](#)

Q4. Consider the following statements regarding Lake Erie:

1. Lake Erie is the northernmost of the five Great Lakes of North America.
2. It forms part of the boundary between Canada and the United States.

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

Answer: (b) 2 only

Explanation: Statement 1 is incorrect because Lake Erie is the southernmost of the five Great Lakes. Statement 2 is correct as Lake Erie forms part of the international boundary between Ontario, Canada, and the United States.

Source- [TOI](#)

Q5. Consider the following statements regarding the Household Consumption Expenditure Survey (HCES):

1. HCES data is used in revising the basket and weights of goods and services used for calculating the Consumer Price Index (CPI).
2. Monthly Per Capita Consumption Expenditure (MPCE) is derived from HCES data.
3. HCES is conducted annually by the Ministry of Statistics and Programme Implementation.

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

Answer: (a) 1 and 2 only

Explanation: HCES provides data used for analysing consumption patterns and for revising the CPI basket and weights. MPCE is a key indicator derived from HCES. However, HCES is not conducted annually; the government intends to conduct it roughly once every three years.

Source- [IE](#)

Q6. The Operation Black Hawk, seen in the news recently, is launched by:

- (a) Narcotics Control Bureau (NCB)
- (b) Central Bureau of Narcotics (CBN)
- (c) Directorate of Revenue Intelligence (DRI)
- (d) Central Bureau of Investigation (CBI)

Answer: B

Explanation: Central Bureau of Narcotics (CBN)

- Operation Black Hawk was conducted by the Central Bureau of Narcotics (CBN), involving its Madhya Pradesh and Uttar Pradesh Units, against an inter-state heroin trafficking syndicate. The operation resulted in the seizure of over 18.6 kg of crude heroin.

Source: [PIB](#)

Q7. Which one of the following best describes the concept of the Barren-land Fallacy, recently seen in the news?

- (a) The belief that all degraded agricultural land can be restored to its original fertility merely through increased application of chemical fertilisers.
- (b) The assumption that land without trees or dense vegetation is necessarily barren, degraded or unproductive, leading to inappropriate afforestation of naturally treeless ecosystems.
- (c) The tendency to classify land as barren solely on the basis of its low annual rainfall and consequently exclude it from conservation programmes.
- (d) The belief that forests growing on fertile agricultural land necessarily reduce agricultural productivity and should therefore be cleared.

Answer: B

Explanation:

- The Barren-land Fallacy refers to the mistaken assumption that treeless land is inherently barren or degraded and therefore should necessarily be converted into forests. In reality, some naturally treeless ecosystems—such as grasslands, savannas, deserts and certain alpine ecosystems—have their own ecological value and biodiversity.

Source: [TH](#)

Q8. With reference to INS Mangrol, recently seen in the news, consider the following statements:

1. It is the third Anti-Submarine Warfare Shallow Water Craft (ASW-SWC) built by Cochin Shipyard Limited (CSL).
2. It is named after the coastal town and minor port of 'Mangrol', located in state of Maharashtra.

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

Answer: A

Explanation: 1 only

Statement 1 is correct: angrol is the third ASW Shallow Water Craft built by Cochin Shipyard Limited, Kochi, and was delivered to the Indian Navy on 21 August 2026. It is intended for underwater surveillance and ASW operations in coastal waters.

Statement 2 is incorrect: Although it is named after Mangrol, a coastal town and minor port in Junagadh district, Gujarat.

Source: [PIB](#)

Q9. Consider the following statements regarding the Narwhals:

1. Narwhals are Arctic marine mammals belonging to the whale family Monodontidae.
2. The characteristic long "tusk" of a narwhal is actually a modified canine tooth and it is found exclusively in males.
3. They are categorized as endangered by the IUCN.

Which of the statements given above is/are correct?

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

Answer: A

Explanation: 1 only

Statement 1 is correct: Narwhals are Arctic toothed whales belonging to the family Monodontidae, along with belugas. They are primarily found in Arctic waters, particularly around Canada, Greenland and Russia.

Statement 2 is incorrect: The narwhal tusk is a greatly elongated upper-left canine tooth, but it is not exclusively found in males. Most males possess a prominent tusk, while some females also develop tusks.

Statement 3 is incorrect: Narwhals are categorized as least concern by the IUCN.

Source: [TH](#)

Q10. Consider the following statements regarding the Principal Purpose Test (PPT):

Statement I: Under the Principal Purpose Test, treaty benefits under a Double Taxation Avoidance Agreement (DTAA) may be denied where obtaining such benefits is the sole purpose of an arrangement or transaction.

Statement II: The Principal Purpose Test seeks to prevent treaty shopping by ensuring that tax treaty benefits are granted only in accordance with the object and purpose of the treaty.

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 but Statement II is not the correct explanation for Statement I.
- (c) Statement I is incorrect but Statement II is correct.
- (d) Statement I is correct but Statement II is incorrect.

Answer: (c)

Explanation: Statement I is incorrect but Statement II is correct.

Statement I is incorrect: Under the Principal Purpose Test (PPT), treaty benefits under a Double Taxation Avoidance Agreement (DTAA) may be denied if one of the principal purposes of an arrangement or

transaction is to obtain a treaty benefit, unless granting such benefit is consistent with the object and purpose of the treaty. It is not necessary that obtaining the treaty benefit be the sole purpose.

Statement II is correct: The PPT is an anti-abuse rule introduced to curb treaty shopping and other forms of tax avoidance. It ensures that treaty benefits are granted only where they are consistent with the object and purpose of the DTAA and are linked to genuine economic activities.

Source: [FE](#)

10 PM MCQs (25 July)

Q1. Consider the following applications of Polysilicon:

1. Manufacturing of solar photovoltaic wafers
2. Production of semiconductor chips and memory devices
3. Manufacturing of power electronic devices such as MOSFETs and thyristors
4. Production of lithium-ion battery cathode materials
5. Manufacturing of cement and concrete as a major binding material

Which of the applications given above are associated with Polysilicon?

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

Answer: (a) 1, 2 and 3 only

Explanation: Polysilicon is an important upstream material for solar photovoltaic wafers and semiconductor manufacturing. It is also used in the production of power electronic devices such as MOSFETs and thyristors. Lithium-ion battery cathodes and cement/concrete are not applications of polysilicon.

Source- [TP](#)

Q2. Consider the following:

1. Minimising soil disturbance
2. Maintaining year-round soil cover
3. Integrating crops with livestock
4. Promoting crop diversification and agroforestry

Which of the above are key features of Regenerative Agriculture?

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

Answer: (d) 1, 2, 3 and 4

Explanation: Regenerative agriculture focuses on restoring soil health, enhancing biodiversity and improving ecosystem resilience. Key practices include minimising soil disturbance, maintaining continuous soil cover, integrating crops with livestock, and diversifying farming systems through agroforestry and other complementary activities.

Source- [ddnews](#)

Q3. Consider the following statements regarding the Reserve Bank of India (RBI):

1. The Governor of the RBI is appointed by the Central Government.
2. The Governor of the RBI derives his powers from the RBI Act.
3. The Monetary Policy Committee and the Central Board of the RBI have the same composition and functions.

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

Answer: (a) 1 and 2 only

Explanation:

- **Statements 1 and 2 are correct.** The RBI Governor is appointed by the Central Government, and the Governor derives statutory powers from the Reserve Bank of India Act, 1934.
- **Statement 3 is incorrect.** The Monetary Policy Committee (MPC) and the Central Board of the RBI are distinct bodies with different compositions and functions. The MPC is specifically concerned with determining the policy interest rate to achieve the inflation target.

Source- [IE](#)

Q4. Consider the following statements regarding the Cloud and AI Skilling Initiative:

1. It aims to provide foundational cloud and AI literacy to 15 lakh learners.
2. It primarily targets youth in Tier 1 cities across India.

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

Answer: (d) Neither 1 nor 2

Explanation: The initiative aims to provide foundational AI and cloud literacy to 1.5 lakh learners, not 15 lakh. It focuses on youth in Tier 2 and Tier 3 cities, rather than primarily targeting Tier 1 cities.

Source- [PIB](#)

Q5. Consider the following features:

1. It is popularly known as the "Dwarka of the South."
2. It is renowned for its traditional Kerala-style temple architecture.
3. The temple is associated with the famous Thulabharam offering.
4. In the 18th century, the temple was plundered and set on fire by the Dutch, after which it was rebuilt.

Which of the following temples is being referred to above?

- (a) Sree Padmanabhaswamy Temple
- (b) Guruvayur Temple
- (c) Vadakkunnathan Temple
- (d) Ettumanoor Mahadeva Temple

Answer: (b) Guruvayur Temple

Explanation: Guruvayur Temple, located in Kerala, is popularly known as the "Dwarka of the South." It is famous for its Kerala-style architecture, the Thulabharam offering, and its historical association with the Dutch attack and subsequent rebuilding.

Source- [TOI](#)

Q6. With reference to the Jojari River, recently seen in the news, consider the following statements:

1. The Jojari River is a seasonal river of Rajasthan.
2. It originates in the Aravalli Range and flows eastwards before joining the Yamuna River in the Gangetic plains.

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

Answer: A

Explanation: 1 only

Statement 1 is correct: The Jojari is a seasonal/ephemeral river in Rajasthan and flows through the Jodhpur region.

Statement 2 is incorrect: The Jojari is part of the Luni drainage system and does not flow eastwards to join the Yamuna. The Luni system drains towards the Rann of Kachchh.

Source: [TH](#)

Q7. With reference to GENESIS EIR 3.0, recently seen in the news, consider the following statements:

1. It is a component of the GENESIS scheme, aimed at discovering, supporting and accelerating startups, particularly in Tier-II and Tier-III cities.
2. It is being implemented by MeitY Startup Hub.
3. Under GENESIS EIR 3.0, eligible innovators can receive financial assistance of up to ₹10 lakh along with incubation and mentorship support.

How many of the above statements are correct?

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

Answer: C

Explanation: All

Statement 1 is correct: GENESIS EIR 3.0 was launched at the GENESIS NextGen Startup Summit. It is a component of the GENESIS (Gen-Next Support for Innovative Startups) scheme, aimed at discovering, supporting and accelerating startups, particularly in Tier-II and Tier-III cities.

Statement 2 is correct: It is being implemented by MeitY Startup Hub.

Statement 3 is correct: The EIR component provides funding of up to ₹10 lakh per startup, along with incubation and mentorship support. Its technology focus includes AI/ML, IoT, Semiconductor/VLSI, cybersecurity, blockchain, quantum technologies and AR/VR.

Source: [PIB](#)

Q8. Consider the following statements about the Garbhini Mitra Course:

1. The Garbhini Mitra Course is a six-month skill-development programme introduced by the All India Institute of Ayurveda (AIIA) to provide training in Ayurveda-based maternal wellness and community-level support.
2. The course is intended to replace routine clinical antenatal care by training participants to independently undertake diagnostic tests and medical treatment during pregnancy.

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

Answer: A

Explanation: 1 only

Statement 1 is correct: The AIIA, an autonomous institution under the Ministry of Ayush, has introduced the Garbhini Mitra Course for 2026–27. It is a six-month offline training programme covering areas such as trimester-specific diet, lifestyle guidance, pregnancy-safe yoga, emotional support and basic life-support protocols.

Statement 2 is incorrect: The programme complements rather than replaces clinical antenatal care. Garbhini Mitras are expected to identify warning signs and facilitate timely referral to qualified doctors; routine check-ups, diagnostic tests and monitoring remain essential.

Source: [PIB](#)

Q9. Consider the following statements:

1. The 8 Degree channel separates the Minicoy island and Maldives.
2. The 9 Degree channel separates the Minicoy Island from the main Lakshadweep group.

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

Answer: C

Explanation: Both are correct

- Kavaratti Channel- It separates Kavaratti and Agatti.
- 8 Degree channel- It separates Minicoy island and Maldives.
- 9 Degree channel- It separates Minicoy Island from the main Lakshadweep group.

Source: [BS](#)

Q10. With reference to the e-SHRAM Portal, consider the following statements:

1. It was launched by the Ministry of Labour and Employment to create a national database of unorganised workers.
2. Individuals registered under EPFO or ESIC are eligible to register on the e-SHRAM Portal.
3. To register on the portal, the applicant must be between 16 and 59 years of age and working in the unorganised sector.

Which of the statements given above is/are correct?

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

Answer: (a)

Explanation:

- **Statement 1 is correct:** The e-SHRAM Portal was launched by the Ministry of Labour and Employment to register unorganised workers across India.
- **Statement 2 is incorrect:** Workers who are members of EPFO or ESIC are not eligible to register on the e-SHRAM Portal.
- **Statement 3 is correct:** The portal is open to individuals aged 16–59 years working in the unorganised sector, including gig and self-employed workers.

Source: [DD News](#)

10 PM MCQs (26 August)

Q1. Consider the following description:

1. It is a landlocked country in north-central Asia.
2. It shares its borders with China and Russia.
3. The Khentii, Khangai and Altay are among its major mountain ranges.
4. The Orkhon River flows through the country, and the Orkhon Valley is a UNESCO World Heritage Site.

Which one of the following countries is being described?

- (a) Kazakhstan
- (b) Mongolia
- (c) Kyrgyzstan
- (d) Tajikistan

Answer: (b) Mongolia

Source- [NOA](#)

Q2. Consider the following statements regarding the Information Technology Resilience Index (ITRI):

1. It is introduced to assess the IT resilience of commercial banks and insurance companies.
2. It is an initiative of the Reserve Bank of India (RBI).

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

Answer: (d) Neither 1 nor 2

Explanation: Both statements are incorrect. The Information Technology Resilience Index (ITRI) is introduced by SEBI to assess the functioning and resilience of IT systems of Market Infrastructure Institutions (MIIs) such as stock exchanges, depositories and clearing corporations. It does not cover commercial banks or insurance companies.

Source- [TH](#)

Q3. Consider the following statements regarding waterspouts:

Statement I: Waterspouts are rotating columns of air and mist that develop over water bodies and are generally associated with warm water and high humidity conditions.

Statement II: Waterspouts are generally short-lived phenomena and can occur under different atmospheric conditions, including both fair-weather and thunderstorm conditions.

Which one of the following is correct?

- (a) Both Statement I and Statement II are correct, and Statement II is the correct explanation of Statement I.
- (b) Both Statement I and Statement II are correct, but Statement II is not the correct explanation of Statement I.
- (c) Statement I is correct, but Statement II is incorrect.
- (d) Statement I is incorrect, but Statement II is correct.

Answer: (b) Both Statement I and Statement II are correct, but Statement II is not the correct explanation of Statement I.

Explanation: Both Statement I and Statement II are correct. A waterspout is a rotating column of air and mist over a water body, generally favoured by warm water and high humidity. Waterspouts can occur as fair-weather waterspouts under relatively calm conditions or as tornadic waterspouts associated with thunderstorms. They are generally short-lived phenomena.

Statement II does not explain the formation conditions mentioned in Statement I; hence, (b) is correct.

Source- [IT](#)

Q4. Consider the following statements about the ICGS Ajit:

1. ICGS Ajit is an indigenously built Fast Patrol Vessel (FPV) constructed by Goa Shipyard Limited (GSL) for the Indian Coast Guard.
2. The vessel is designed for coastal surveillance and fisheries protection, anti-smuggling, anti-piracy or search and rescue operations.

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

Answer: C

Explanation: Both 1 and 2

Statement 1 is correct: ICGS Ajit (Yard 1277) is a Fast Patrol Vessel built by Goa Shipyard Limited (GSL) and was formally handed over to the Indian Coast Guard on 25 August 2026. It has more than 65% indigenous content.

Statement 2 is incorrect: The vessel has multi-mission capabilities, including fisheries protection, EEZ surveillance, coastal patrolling, anti-smuggling, anti-piracy and search-and-rescue operations.

Source: [PIB](#)

Q5. With reference to the Mahuadanr Wolf Sanctuary, consider the following statements:

1. It is the only wildlife sanctuary of India dedicated solely to the Indian grey wolf.

2. It is located in the state of Chhattisgarh.
 3. The Son River is the main river flowing through the sanctuary.
- How many of the above statements are correct?

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

Answer: A

Explanation: 1 only

Statement 1 is correct: It is India's first and only sanctuary dedicated solely to the Indian grey wolf (*Canis lupus pallipes*).

Statement 2 is incorrect: Location: It is located in Mahuadanr valley in Latehar district of Jharkhand. It lies within the Chhota Nagpur plateau, bordering the Palamau Tiger Reserve.

Statement 3 is incorrect: The major river which drains the Mahuadanr valley is Burha River.

Source: [Mongabay](#)

Q6. The Crete Island, seen in the news recently, is located in which water body?

- (a) Black Sea
- (b) Aegean Sea
- (c) Adriatic Sea
- (d) Red Sea

Answer: B

Explanation: Aegean Sea

- Crete, the largest Greek island, lies in the southern part of the Aegean Sea in the eastern Mediterranean. The Sea of Crete lies to its north, while the Libyan Sea lies to its south.

Source: [EuroNews](#)

Q7. The NJ-05, NJ-50 and NJ-100, seen in the news recently, are:

- (a) Indigenous anti-drone systems developed by DRDO
- (b) Compact nuclear propulsion units developed for unmanned underwater vehicles
- (c) New propulsion systems developed for India's fighter aircraft
- (d) Indigenous micro and small gas turbine engines developed by CSIR-NAL

Answer: D

Explanation: Indigenous micro and small gas turbine engines developed by CSIR-NAL

- The CSIR-National Aerospace Laboratories (CSIR-NAL) has unveiled three indigenous micro and small gas turbine engines:
 - NJ-05 → 5 kg thrust
 - NJ-50 → 50 kg thrust
 - NJ-100 → 100 kg thrust

Source: [NOA](#)

Q8. With reference to Pusa DST Rice 1, consider the following statements:

1. It is developed by Indian Council of Agricultural Research (ICAR)-Indian Agricultural Research Institute (IARI), New Delhi.
2. It is derived from MTU1010, which is suitable for rabi season in southern states.
3. The edit in its genome targets the Drought and Salt Tolerance (DST) gene, with the aim of improving the plant's ability to cope with drought and salt-affected soils.

How many of the above statements are correct?

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

Answer: C

Explanation: All are correct

Statement 1 is correct: Pusa Rice DST1 is developed by Indian Council of Agricultural Research (ICAR)-Indian Agricultural Research Institute (IARI), New Delhi.

Statement 2 is correct: Pusa DST Rice 1 is derived from MTU1010, which is suitable for rabi season in southern states.

Statement 3 is correct: The edit in its genome targets the Drought and Salt Tolerance (DST) gene, with the aim of improving the plant's ability to cope with drought and salt-affected soils.

Source: [BL](#)

Q9. Consider the following statements regarding Seychelles:

1. Seychelles is an archipelago in the Indian Ocean, situated to the northeast of Madagascar.
2. The islands of Seychelles are of volcanic origin only, with no coral formations.

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

Answer: A

Explanation: 1 only

Statement 1 is correct: Seychelles is an Indian Ocean archipelago, located northeast of Madagascar and off the eastern coast of Africa.

Statement 2 is incorrect: Seychelles has granitic islands (oldest mid-ocean granite islands in the world) as well as coral islands and atolls—not only volcanic.

Source: [NOA](#)

Q10. How many of the following literary works belong to the Sanskrit poet Kalidasa?

1. Raghuvamsha
2. Kumarasambhava
3. Kiratarjuniya
4. Meghaduta
5. Malatimadhava

Select the correct answer using the code given below:

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

Answer: B

Explanation: Only three

- Raghuvamsha — Kalidasa
- Kumarasambhava — Kalidasa
- Kiratarjuniya — Bharavi
- Meghaduta — Kalidasa
- Malatimadhava — Bhavabhuti

Source: [PIB](#)

10 PM MCQs (27 August)

Q1. Consider the following statements regarding the National Shipping Board:

1. It is a temporary advisory body constituted by the Ministry of Ports, Shipping and Waterways.
2. It includes members of both the Lok Sabha and the Rajya Sabha.

Which of the statements given above is/are correct?

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

Answer: (b) 2 only

Explanation: The National Shipping Board is a permanent statutory body, established under the Merchant Shipping Act, 1958. It includes six members elected by Parliament-four from the Lok Sabha and two from the Rajya Sabha.

Source- [PIB](#)

Q2. Consider the following statements regarding Mission Samriddh Gaon:

1. It promotes integrated farming systems by combining agriculture with allied activities such as livestock, fisheries and beekeeping.
2. Its pilot phase has been launched in Madhya Pradesh.
3. It is implemented by the Ministry of Agriculture and Farmers' Welfare.

Which of the statements given above are correct?

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

Answer: (a) 1 and 2 only

Explanation: Mission Samriddh Gaon promotes integrated farming by diversifying farm-based livelihoods through activities such as horticulture, livestock, fisheries, poultry and beekeeping. Its pilot phase has been launched in Madhya Pradesh. The nodal ministry is the Ministry of Rural Development, not the Ministry of Agriculture and Farmers' Welfare.

Source- [HT](#)

Q3. Consider the following statements:

1. It is a seasonal river originating in the Nagaur region of Rajasthan.
2. It flows through Jodhpur before joining the Luni River near Balotra.
3. It is the only right-bank tributary of the Luni River and does not originate in the Aravalli Range.

Which one of the following rivers is being described?

- (a) Bandi
- (b) Sukri
- (c) Jawai
- (d) Jojari

Answer: (d) Jojari River

Source- [TH](#)

Q4. Consider the following description:

1. It is located in the Western Ghats of Kerala.
2. It is bordered by the Kalakkad-Mundanthurai Tiger Reserve of Tamil Nadu towards the northeast and Neyyar Wildlife Sanctuary towards the south.
3. It forms the catchment of a dam constructed across the Karamana River.
4. Chemmunjimottai and Athirumalai are among its major peaks.

Which one of the following protected areas is being described?

- (a) Neyyar Wildlife Sanctuary
- (b) Shendurney Wildlife Sanctuary
- (c) Peppara Wildlife Sanctuary
- (d) Parambikulam Wildlife Sanctuary

Answer: (c) Peppara Wildlife Sanctuary

Source- [NIE](#)

Q5. Periyar Kullan, recently in the news, refers to:

- (a) A traditional variety of rice cultivated in Kerala
- (b) An indigenous cattle breed of Kerala
- (c) A tribal community residing in the Western Ghats
- (d) A traditional fishing practice of Kerala

Answer: (b) An indigenous cattle breed of Kerala

Explanation: Periyar Kullan, also known locally as Kuttampuzha cattle or Andukanni, is an indigenous cattle population of central Kerala. It has adapted to plantation and forest-fringe environments. The ICAR-NBAGR has recognised it as Kerala's second registered indigenous cattle breed, after Vechur cattle.

Source- [NIE](#)

Q6. Consider the following statements regarding the Aircraft Accident Investigation Bureau (AAIB) of India:

- 1. It was established as an attached office under the Ministry of Civil Aviation to investigate civil aircraft accidents and incidents in India.
- 2. The AAIB investigations do not assign blame or liability to anyone.
- 3. All aircraft accidents and serious incidents in Indian airspace, regardless of the aircraft's weight or type, are mandatorily investigated by the AAIB.

Which of the above statements is/are correct?

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

Answer: A

Explanation: Statements 1 and 2 are correct

Statement 1 is correct: The AAIB was established in 2012 under the Ministry of Civil Aviation to investigate civil aviation accidents and incidents.

Statement 2 is correct: The sole objective of AAIB investigations is the prevention of accidents and incidents, not to apportion blame or liability.

Statement 3 is incorrect: The AAIB is mandated to investigate all accidents and serious incidents involving aircraft with an all-up weight above 2,250 kg or turbojet aircraft, not every aircraft regardless of weight or type.

Source: [TH](#)

Q7. Consider the following statements about Snow Leopards:

- 1. They are the state animals of Ladakh and Jammu & Kashmir.
- 2. Their IUCN Red List status is Endangered.
- 3. Snow leopards are solitary animals and most active at dawn and dusk.

How many of the statements given above is/are correct?

- A) Only one
- B) Only two
- C) All three
- D) None

Answer: A)

Explanation: 3 only

- **Statement 1 is incorrect**— Snow leopards are the state animal of Ladakh, not Jammu & Kashmir.
- **Statement 2 is incorrect** — Their IUCN Red List status is Vulnerable, not Endangered.
- **Statement 3 is correct** — Snow leopards are solitary and most active at dawn and dusk.

Source: [PIB](#)

Q8. Consider the following statements about genome-edited rice varieties developed by ICAR:

- 1. These rice varieties are the first genome-edited rice varieties developed in the world.

2. These are considered as a Genetically Modified (GM) as they incorporate some foreign DNA.
3. The 'Pusa DST Rice 1' is a salinity tolerant crop variety.

Which of the statements given above are correct?

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

Answer: C

Explanation: Statements 1 and 3 are correct

Statement 1 is correct: Genome-Edited Rice Varieties are developed by the ICAR - Indian Agricultural Research Institute (IARI), New Delhi and the Indian Rice Research Institute (IRRI), Hyderabad. They **are world's first genome-edited rice varieties**, named as - DRR Rice 100 (Kamla) and Pusa DST Rice 1.

Statement 2 is incorrect: Current genome technology involves using living organisms from native crop species (known as SDN 1 and SDN2 types of genome editing) to enhance productivity and achieve desired results, rather than incorporating alien organisms or bacteria. The two new varieties incorporate **no foreign DNA**, so they are **not genetically modified (GM)**. Hence, **these varieties are exempt from the biosafety regulations** outlined in Rules 7-11 of the 1989 Environment (Protection) Act.

Statement 3 is correct: Pusa DST Rice 1 was developed from MTU1010 and is a 'salinity tension tolerant' crop.

Source: [BL](#)

Q9. The DAANVEER Initiative, seen in the news recently, is launched by?

- a) Ministry of Panchayati Raj
- b) Ministry of Rural Development
- c) Ministry of Defence
- d) Ministry of Tribal Affairs

Answer: A

Explanation: Ministry of Panchayati Raj

- DAANVEER initiative is a citizen participation initiative to strengthen the digital infrastructure of Gram Panchayats across the country. It is launched by Ministry of Panchayati Raj in New Delhi.

Source: [ANI](#)

Q10. The Bhote Koshi, Lendhe River and Trishuli River form part of which of the following river systems?

- (a) Gandaki River System
- (b) Kosi River System
- (c) Karnali River System
- (d) Mahakali River System**

Answer: A

Explanation: Gandaki River System

- The Bhote Koshi, Lendhe and Trishuli are rivers/tributaries associated with the Gandaki (Narayani) river system, which drains through Nepal and enters India in Bihar. The Trishuli River joins the Kali Gandaki at Devghat to form the Narayani (Gandaki) River.

Source: [DD News](#)

10 PM MCQs (28 August)

Q. Consider the following statements regarding India's contribution to the global coconut economy:

1. India ranks first globally in coconut production but ranks third in terms of cultivation area.
2. Kerala has the largest area under coconut cultivation in India, while Tamil Nadu is the largest producer.
3. Andhra Pradesh has the highest coconut productivity among Indian States.
4. The Coconut Development Board functions under the Ministry of Commerce and Industry.

Which of the statements given above are correct?

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

Answer: (a) 1, 2 and 3 only

Explanation: India ranks first in global coconut production and third in cultivation area. Kerala has the largest cultivation area, Tamil Nadu leads in production, and Andhra Pradesh records the highest productivity. The Coconut Development Board functions under the Ministry of Agriculture and Farmers Welfare, making Statement 4 incorrect.

Source- [PIB](#)

Q. Consider the following statements:

1. The State Disaster Response Fund (SDRF) is financed jointly by the Centre and the States.
2. The National Disaster Response Fund (NDRF) is fully funded by the Union Government.
3. A State can use the SDRF for a heatwave only when it is notified as a national disaster.

Which of the statements given above are correct?

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

Answer: (a) 1 and 2 only

Explanation: The SDRF is jointly funded by the Centre and States, while the NDRF is fully funded by the Union Government. A State may notify a heatwave as a local disaster and use SDRF funds, subject to prescribed limits; it need not be declared a national disaster.

Source- [TH](#)

Q. Consider the following statements regarding UNESCO World Heritage Sites in India:

1. India ranks among the top three countries globally in terms of the number of UNESCO World Heritage Sites.
2. The Maratha Military Landscapes of India were officially inscribed on the UNESCO World Heritage List in 2025.

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

Answer: (b) 2 only

Explanation: India is not among the top three countries globally by the number of UNESCO World Heritage Sites. The Maratha Military Landscapes of India were inscribed on the UNESCO World Heritage List in 2025.

Source- [PIB](#)

Q. With reference to RTGS and NEFT in India, consider the following statements:

1. RTGS transactions are settled individually on a real-time basis, whereas NEFT transactions are settled through a batch-based system.
2. RTGS has a prescribed minimum transaction amount, whereas NEFT does not have a prescribed minimum transaction amount.

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

Answer: (c) Both 1 and 2

Explanation: RTGS (Real Time Gross Settlement) settles transactions individually and in real time, while NEFT settles transactions through batches. RTGS has a minimum transaction amount of ₹2 lakh, whereas NEFT has no prescribed minimum transaction amount. Hence, both statements are correct.

Source- [PIB](#)

Q. Consider the following features observed in the Himalayan region:

1. Deep gorges
2. U-shaped bends in river courses
3. Parallel mountain ranges
4. Steep slopes prone to landslides

Which of the above features provide evidence that the Himalayas are young fold mountains?

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

Answer: (d) 1, 2, 3 and 4

Explanation- The Himalayas are young fold mountains, formed by the collision of the Indian and Eurasian plates and still undergoing tectonic uplift. Their deep gorges, sharp river bends, parallel mountain ranges, steep slopes and frequent landslides reflect active erosion, high relief and geological instability, all characteristic of young fold mountains. Hence, all four statements are correct.

Source- [IE](#)

Q. Consider the following statements regarding the Collegium System in India:

1. The Collegium System is explicitly provided for in the Constitution for the appointment of judges to the Supreme Court and High Courts.
2. The present Supreme Court Collegium consists of the Chief Justice of India and four other senior-most judges of the Supreme Court.
3. The High Court Collegium consists of the Chief Justice of the concerned High Court and two other senior-most judges of that High Court.

Which of the statements given above are correct?

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

Answer: (b) 2 and 3 only

Explanation: The Collegium System is not explicitly mentioned in the Constitution; it evolved through the Supreme Court's interpretation in the Three Judges Cases. The present Supreme Court Collegium comprises the CJI and four senior-most judges, while the High Court Collegium consists of the Chief Justice of the concerned High Court and two senior-most judges. Hence, statements 2 and 3 are correct.

Source- [TH](#)

Q. Consider the following pairs:

1. Khijadiya Bird Sanctuary — Rajasthan
2. Ranganathittu Bird Sanctuary — Kerala
3. Vedanthangal Bird Sanctuary — Andhra Pradesh

How many of the above pairs are correctly matched?

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

Answer: (d) None

Explanation: Khijadiya Bird Sanctuary is located in Jamnagar, Gujarat; Ranganathittu Bird Sanctuary is in Karnataka; and Vedanthangal Bird Sanctuary is in Tamil Nadu

Source- [ET](#)

Q. With reference to Nipun, recently in the news, which of the following statements is correct?

- (a) Diving Support Vessel of the Indian Navy
- (b) Guided Missile Destroyer of the Indian Navy
- (c) Nuclear-powered submarine of the Indian Navy
- (d) Offshore Patrol Vessel of the Indian Coast Guard

Answer: (a) Diving Support Vessel of the Indian Navy

Explanation: Nipun is the second Diving Support Vessel (DSV) of the Nistar-class being commissioned by the Indian Navy.

Source- [PIB](#)

Q. Consider the following countries:

- 1. China
- 2. Cambodia
- 3. Laos
- 4. Thailand

How many of the above countries share a land border with Vietnam?

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

Answer: (c) Only three

Explanation: Vietnam shares land borders with China, Laos and Cambodia. It does not share a land border with Thailand.

Source- [PIB](#)

Q. Consider the following statements regarding the UN Committee on the Elimination of Racial Discrimination (UNCERD):

- 1. UNCERD can examine individual complaints against a State Party only if the State has recognized the Committee's competence to receive such complaints.
- 2. India has signed the Convention but has not ratified it till date.

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

Answer: (a) 1 only

Explanation: Under Article 14 of ICERD, UNCERD may consider individual communications only from States that have recognized its competence to do so. India signed ICERD in 1967 and ratified it in 1968, making Statement 2 incorrect.

Source- [TH](#)

10 PM MCQs (29 August)

Q1. Consider the following rivers:

- 1. Sharda

2. Ghaghra
3. Gandak
4. Kosi
5. Mahananda

How many of the above rivers have their origin in Nepal?

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

Answer: (d) All five

Explanation: All five rivers listed—Sharda, Ghaghra, Gandak, Kosi and Mahananda—originate in or have their headwaters in Nepal before entering India.

Source- [NDTV](#)

Q2. With reference to Samarthak, recently seen in the news, consider the following statements:

1. It is the first indigenous Multi-Purpose Vessel (MPV) of the Indian Navy.
2. It was built by Cochin Shipyard Limited.

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

Answer: (a) 1 only

Explanation: Samarthak is the first indigenously designed and constructed Multi-Purpose Vessel (MPV) of the Indian Navy. It was built by Larsen & Toubro (L&T) at its Kattupalli shipyard, not by Cochin Shipyard Limited.

Source- [TOI](#)

Q3. With reference to the PM SVANidhi Scheme, consider the following statements:

1. It is a Centrally Sponsored Scheme.
2. It provides collateral-free working capital loans in three progressive tranches.
3. Vendors who successfully repay the second loan tranche are eligible for UPI-linked RuPay Credit Cards.

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

Answer: (b) 2 and 3 only

Explanation: PM SVANidhi is a Central Sector Scheme, not a Centrally Sponsored Scheme. It provides collateral-free working capital loans in progressive tranches. Vendors who successfully repay the second tranche are eligible for UPI-linked RuPay Credit Cards.

Source- [PIB](#)

Q4. The DAANVEER Initiative, recently seen in the news, has been launched by:

- (a) Ministry of Rural Development
- (b) Ministry of Electronics and Information Technology
- (c) Ministry of Panchayati Raj
- (d) Ministry of Communications

Answer: (c) Ministry of Panchayati Raj

Explanation: The DAANVEER Initiative is a technology-enabled, people-led computer crowdsourcing initiative launched by the Ministry of Panchayati Raj to facilitate the donation of computers to state-verified Gram Panchayats requiring digital hardware.

Source- [PIB](#)

Q5. With reference to Jago AI Assistant, recently seen in the news, consider the following statements:

1. It is an AI-based platform for promoting digital literacy among tribal communities.
2. It is an initiative of the Ministry of Tribal Affairs.

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

Answer: (b) 2 only

Explanation: Jago AI Assistant is an AI-based conversational assistant designed to extend the reach of tribal welfare schemes and programmes. It is an initiative of the Ministry of Tribal Affairs.

Source- [ETV](#)

Q6. Consider the following description:

“He was a pioneering social reformer and Dalit rights leader from Kerala who challenged caste-based discrimination in Travancore. He was born in 1863 at Venganoor, Kerala, and belonged to the Pulaya community. He worked for educational opportunities for the marginalised, improvement of agricultural labourers and the upliftment of the oppressed.”

Which one of the following personalities is described in the above paragraph?

- (a) Ayyankali
- (b) Narayana Guru
- (c) Chattampi Swamikal
- (d) Sahodaran Ayyappan

Answer: A

Explanation: Ayyankali

Source: [DD News](#)

Q7. Consider the following statements about the Kalagarh Tiger Reserve:

1. It is located in Uttarakhand.
2. The reserve is associated with the Ramganga River system.

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

Answer: C

Explanation: Both 1 and 2

Statement 1 is correct: Kalagarh Tiger Reserve is in Uttarakhand and is part of the Corbett landscape; the area includes the Sonanadi Wildlife Sanctuary.

Statement 2 is correct: The reserve is associated with the Ramganga river system and lies in the Himalayan foothill zone, with forests, grasslands and hills.

Source: [DTE](#)

Q8. The ‘Open General Export Licence (OGEL) framework’, seen in the news recently, is primarily associated with:

- (a) Facilitating the export of agricultural commodities without quantity restrictions
- (b) Facilitating the export of specified defence items by eligible Indian exporters through a standing export authorisation
- (c) Promoting export of critical minerals through simplified customs procedures
- (d) Allowing Indian companies to export dual-use civilian technologies without any regulatory clearance

Answer: B

Explanation: Facilitating the export of specified defence items by eligible Indian exporters through a standing export authorisation

- The OGEL framework is associated with India's defence exports. It provides a standing, one-time export authorisation under which eligible exporters can undertake multiple consignments of specified defence items without obtaining a separate authorisation for every shipment.

Source: PIB

Q9. Consider the following countries:

1. Kazakhstan
2. Uzbekistan
3. Tajikistan
4. China
5. Afghanistan
6. Turkmenistan

How many of the above countries share a land boundary with Kyrgyzstan?

- a) Only three
- b) Only four
- c) Only five
- d) All six

Answer: B

Explanation:

- Kyrgyzstan is a landlocked mountainous country in Central Asia. It shares borders with Kazakhstan in the north, Uzbekistan in the west, Tajikistan in the south, and China in the east.

Source: MEA

Q10. With reference to the Barrier Lake, recently seen in the news in the context of floods along the Nepal–China border, consider the following statements:

1. A barrier lake can form when a landslide, rockfall, avalanche or other debris blocks the course of a river, temporarily impounding water upstream.
2. The sudden failure or breaching of such a natural barrier can trigger a Landslide Dam Outburst Flood (LDOF), releasing water and debris rapidly downstream.

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

Answer: C

Explanation: Both 1 and 2

Statement 1 is correct: A barrier lake is formed when a natural obstruction—such as a landslide or ice-rock avalanche—blocks a river channel and causes water to accumulate upstream. The recent Nepal–China border incident involved a landslide-formed lake.

Statement 2 is correct: If the natural barrier breaches or overflows, the impounded water can be released suddenly, producing a potentially destructive Landslide Dam Outburst Flood (LDOF) carrying large quantities of water, sediment and debris downstream.

Source: IE

10 PM MCQs (31 August)

Q1. Consider the following statements regarding the Sardar Patel National Unity Award:

1. The award is conferred for outstanding contributions towards promoting social harmony and cultural diversity among different communities.

2. The Award Committee is constituted by the Prime Minister and includes the Cabinet Secretary and Home Secretary among its members.
3. The award carries a monetary prize along with a medal and citation.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

Answer: (A) Only one

Explanation

- **Statement 1 is incorrect:** The Sardar Patel National Unity Award is given for outstanding efforts and notable contributions towards promoting and furthering the cause of national unity and integrity. It is not specifically meant for promoting social harmony and cultural diversity.
- **Statement 2 is correct:** The Award Committee is constituted by the Prime Minister and includes the Cabinet Secretary, Principal Secretary to the Prime Minister, Secretary to the President, Home Secretary, and eminent persons selected by the Prime Minister.
- **Statement 3 is incorrect:** The award comprises a medal and citation and does not carry any monetary prize or cash award.

Source- [IE](#)

Q2. Consider the following statements:

1. It is located in the southern part of South America and has a coastline along the South Atlantic Ocean.
2. Its highest point is Cerro Aconcagua, located in the Andes.
3. The Paraná, Paraguay and Uruguay are among the major rivers associated with this country.

Which one of the following countries is described by the above statements?

- A. Chile
- B. Argentina
- C. Brazil
- D. Peru

Answer: (B). Argentina

Source- [PIB](#)

Q3. Consider the following statements regarding the National Health Claim Exchange (NHCX):

1. It has been developed under the Ayushman Bharat Digital Mission (ABDM).
2. It has been developed by the Insurance Regulatory and Development Authority of India (IRDAI) in consultation with the National Health Authority (NHA).

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

Answer: (A) 1 only

Explanation

- **Statement 1 is correct:** The National Health Claim Exchange (NHCX) has been developed under the Ayushman Bharat Digital Mission (ABDM) to facilitate the exchange of health-claim information between healthcare providers and insurers.
- **Statement 2 is incorrect:** The NHCX has been developed by the National Health Authority (NHA) in consultation with the Insurance Regulatory and Development Authority of India (IRDAI). The statement reverses the roles of the two organisations.

Source- [TH](#)

Q4. Consider the following statements regarding Lake Ontario:

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Visit academy.forumias.com for our mentor based courses.

1. Lake Ontario is the easternmost and smallest by surface area among the five Great Lakes of North America.
2. It forms a natural international boundary between the United States and Canada.

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

Answer: (C) Both 1 and 2

Explanation

- **Statement 1 is correct:** Lake Ontario is the easternmost and the smallest by surface area among the five Great Lakes of North America.
- **Statement 2 is correct:** Lake Ontario lies between Canada and the United States and forms part of their international boundary.

Source- [TOI](#)

Q5. PARIVARTAN Scheme, recently seen in the news, has been launched by:

- A. Ministry of Environment, Forest and Climate Change
- B. Ministry of Heavy Industries
- C. Ministry of Housing and Urban Affairs
- D. Ministry of Road Transport and Highways

Answer: (D) Ministry of Road Transport and Highways

Explanation: The PARIVARTAN Scheme is implemented by the Ministry of Road Transport and Highways (MoRTH). It focuses on vehicle scrappage and fleet renewal by replacing older commercial vehicles with BS-VI compliant or electric vehicles to reduce transport-related air pollution.

Source- [PIB](#)

Q6. With reference to Mission Rangeen Machhli 2031, recently seen in the news, consider the following statements:

1. It is a Strategic Action Plan aimed at providing a uniform framework for scientific management, biosecurity, quality assurance and regulatory compliance across India's ornamental fisheries value chain.
2. It is being launched by the Ministry of Earth Sciences.
3. The Mission is confined to marine ornamental fisheries in Lakshadweep, where it seeks to establish the islands as India's exclusive ornamental-fish export zone.

How many of the above statements are correct?

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

Answer: A

Explanation: 1 only

Statement 1 is correct: Mission Rangeen Machhli 2031 is a Strategic Action Plan for Ornamental Fisheries Development. It proposes uniform standards covering broodstock management, breeding, hatcheries, quarantine, health management, traceability, aquarium operations, handling, transport and trade.

Statement 2 is incorrect: Ministry of Fisheries, Animal Husbandry & Dairying

Statement 3 is incorrect: The Mission is national in scope, not confined to Lakshadweep or marine ornamental fisheries. Lakshadweep is the launch location and an important area of ornamental fisheries potential, but the framework is intended for the ornamental fisheries value chain nationwide.

Source: [BL](#)

Q7. Consider the following statements about peptides:

1. Peptides are short chains of amino acids naturally found in the body.
2. Some peptides work like hormones and can affect different parts of the body from where they are released.

3. Peptides are shorter than proteins.

How many of the above statements are correct?

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

Answer: C

Explanation: All

Statement 1 is correct: Peptides are short chains of amino acids naturally found in the body. They are linked by peptide bonds and are essential for various biological functions.

Statement 2 is correct: Some peptides work like hormones and can affect different parts of the body from where they are released.

Statement 3 is correct: Peptides are shorter than proteins. Peptides are defined as molecules that consist of between 2 and 50 amino acids, whereas proteins are made up of 50 or more amino acids.

Source: IE

Q8. Consider the following statements regarding the PM-eBus Sewa Scheme:

- 1. The scheme aims to augment city bus operations in metropolitan cities of India already having a basic city-bus infrastructure.
- 2. The scheme provides for a Central Assistance (CA) of Rs 20,000 crore for deploying 10,000 air-conditioned electric buses under the public-private-partnership (PPP) model.
- 3. Cities with a population ranging 3-40 lakh and state capitals including North Eastern and Hilly Regions below three lakh population as per 2011 census are eligible for the scheme.

How many of the above statements are correct?

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

Answer: B

Explanation: 2 and 3

Statement 1 is incorrect: A key feature of the scheme is that it focuses on cities with limited public transport capacity. Unlike Delhi, Mumbai and other major metros, the scheme largely covers smaller cities including those where organised city bus services have either been absent or inadequate.

Statement 2 is correct: The PM-eBus Sewa was launched in August 2023 aims to augment city bus operations in urban areas with Central Assistance (CA) of Rs 20,000 crore for deploying 10,000 air-conditioned electric buses under the public-private-partnership (PPP) model.

Statement 3 is correct: Cities have a population ranging 3-40 lakh and state capitals including North Eastern and Hilly Regions below three lakh population as per 2011 census are eligible for the scheme.

Source: TNIE

Q9. Consider the following statements with reference to the Leatherback sea turtle:

- 1. It is the largest of all living sea turtles and lacks a hard bony shell.
- 2. It is commonly found nesting along the eastern coast of India, particularly in large numbers in Odisha coast.
- 3. It is classified as Vulnerable on the International Union for Conservation of Nature Red List.

Which of the statements given above is/are correct?

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

Answer: A

Explanation: 1 only

Statement 1 is correct: The Leatherback sea turtle is the largest sea turtle and has a leathery carapace (no hard shell).

Statement 2 is incorrect: Large-scale nesting in Odisha is mainly of Olive Ridley turtles, not leatherbacks. Leatherbacks nest mainly in Andaman & Nicobar Islands.

Statement 3 is incorrect: It is listed as Vulnerable globally, but some subpopulations are Critically Endangered.

Source: [Mongabay](#)

Q10. The White Rabbit Technology is meant for:

- (a) Quantum-encrypted satellite communication between defence establishments
- (b) High-precision dissemination and synchronization of Indian Standard Time (IST) across critical infrastructure
- (c) AI-based management of national power grids through smart meters
- (d) Real-time monitoring of maritime traffic using satellite navigation

Answer: B

Explanation:

- White Rabbit Technology is meant for ultra-precise, secure, and resilient time synchronization across digital networks. In India, it is being deployed to securely disseminate Indian Standard Time (IST) under the "One Nation, One Time" initiative, reducing dependence on foreign satellite-based timing systems such as GPS.

Source: [NDTV](#)