

- 1) Consider the following statements regarding the **Centralised IT-Enabled System (CITES)** of the Employees' Provident Fund Organisation (EPFO):

Statement-I: Under the CITES project, any EPFO field office in the country can process the claims and service requests of any Provident Fund (PF) member, irrespective of the office where the account is maintained.

Statement-II: CITES enables this nationwide processing by replacing the earlier decentralized system with a centralized national database and an automated rule-based processing engine.

Which one of the following is correct?

- (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 correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.

Answer: (a)

Explanation

- **Statement-I is correct.** CITES removes the dependence on a specific regional EPFO office, allowing any field office to process a member's request.
- **Statement-II is also correct.** It replaces multiple regional databases with a centralized national database supported by an automated rule-based processing system.
- Since centralized data access allows every office to process claims seamlessly, **Statement-II correctly explains Statement-I.**

- 2) Consider the following statements regarding the **Chief of the Army Staff (COAS)**:

Statement-I: The COAS works in close coordination with the Chief of Defence Staff (CDS) and the chiefs of the other armed services.

Statement-II: The COAS contributes to the development of joint warfare strategies and integrated theatre command structures.

Statement-III: The COAS exercises overall command of the Indian Army and serves as a permanent member of the Chiefs of Staff Committee.

Which one of the following is correct?

- (a) Statements II and III are correct, and both explain Statement-I.
- (b) Statements II and III are correct, but only Statement-II explains Statement-I.
- (c) Only one of Statements II and III is correct, and it explains Statement-I.
- (d) Neither Statement-II nor Statement-III is correct.

Answer: (b)

Explanation

- **Statement-I is correct.** The COAS regularly coordinates with the CDS and the other service chiefs for defence planning.
 - **Statement-II is correct** and explains why such coordination is necessary, especially for joint military operations and integrated theatre commands.
 - **Statement-III is also correct**, as the COAS commands the Army and is a permanent member of the Chiefs of Staff Committee. However, it describes the COAS's position rather than explaining the coordination mentioned in Statement-I.
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3) Consider the following statements regarding the **Electronic Overseas Citizen of India (e-OCI) system**:

1. It is a paperless digital documentation system administered by the Ministry of External Affairs.
2. It replaces the traditional OCI booklet with a digitally verifiable credential.
3. It integrates OCI credentials with digital immigration systems at Indian airports.
4. It removes the need to obtain a fresh OCI booklet whenever a cardholder receives a new passport after attaining 20 years of age.

Which one of the following is correct?

- (a) All four statements are correct.
- (b) Three statements are correct, including Statement 4.
- (c) Two statements are correct, including Statement 1.
- (d) Only one statement is correct.

Answer: (b)

Explanation

- **Statement 1 is incorrect.** The e-OCI system is administered by the **Ministry of Home Affairs (MHA)**, not the Ministry of External Affairs.
 - **Statements 2, 3 and 4 are correct.** The platform provides a digital OCI credential, integrates with airport immigration systems, and eliminates the need for OCI booklet re-issuance after passport renewal beyond the prescribed age.
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4) Consider the following statements regarding the **Interoperable Criminal Justice System (ICJS)**:

Statement-I: ICJS replaces fragmented, paper-based workflows with a secure digital platform for sharing information across criminal justice institutions.

Statement-II: The platform is hosted on the Government of India's MeghRaj cloud infrastructure.

Which one of the following is correct?

- (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 correct, but Statement-II is incorrect.
(d) Statement-I is incorrect, but Statement-II is correct.

Answer: (a)

Explanation

- **Statement-I is correct.** ICJS enables digital integration among police, courts, prisons, prosecution, and forensic agencies, replacing manual file movement.
 - **Statement-II is also correct.** Hosting the platform on the MeghRaj cloud enables centralized, secure, and real-time information sharing.
 - Therefore, **Statement-II correctly explains Statement-I.**
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5) Consider the following statements regarding the **technical features of the e-OCI platform**:

1. The platform uses Optical Character Recognition (OCR) technology to automatically extract and verify details from uploaded foreign passports.
2. It generates a new registration number every five years to strengthen identity security.
3. Applicants can complete the entire application process online, including document submission, security clearance, and downloading the approved digital OCI card.

Which of the following statements is/are correct?

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

Answer: (c)

Explanation

- **Statement 1 is correct.** OCR technology automates the extraction and verification of passport details, reducing manual errors.
 - **Statement 2 is incorrect.** The platform issues a **permanent unique registration number**, not a periodically changing one.
 - **Statement 3 is correct.** The portal supports end-to-end online processing, from application and verification to downloading the approved digital e-OCI card.
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6) Which one of the following correctly describes the **cost-sharing mechanism under the RBI Scam Compensation Framework for domestic digital payment frauds**?

- (a) The remitter bank alone bears the entire compensation amount to strengthen cybersecurity accountability.
- (b) The compensation is shared equally among the RBI, the remitter bank, and the beneficiary bank.
- (c) The RBI contributes about **75%** of the compensation, while the remaining **25%** is shared equally between the remitter bank and the beneficiary bank.

(d) The compensation amount is shared equally among the remitter bank, the beneficiary bank, and the telecom service provider.

Answer: (c)

Explanation

- The RBI Scam Compensation Framework follows a **three-way cost-sharing model** for domestic digital frauds.
- The **RBI bears nearly 75%** of the compensation amount.
- The remaining **25%** is divided equally between the **remitter bank** and the **beneficiary bank**, with each contributing **12.5%**.
- Telecom service providers are **not part of the prescribed compensation-sharing mechanism**.
- Hence, **option (c) is correct**.

7) Match the following geographical features of **Greece** with their correct **geographical type** and **key characteristic**:

Column I (Feature)	Column II (Geographical Type)	Column III (Key Characteristic)
A. Píndos	1. Mountain Range	X. Highest peak in Greece and an important cultural landmark
B. Mount Olympus	2. Volcanic System	Y. Forms the mountainous backbone of mainland Greece with deep gorges and rugged valleys
C. Santorini	3. Major Peak	Z. Represents active tectonic and volcanic activity due to plate interaction

Select the correct answer using the code given below:

- (a) A-3-X, B-1-Y, C-2-Z
- (b) A-1-X, B-3-Y, C-2-Z
- (c) A-2-Z, B-1-Y, C-3-X
- (d) A-1-Y, B-3-X, C-2-Z

Answer: (d)

Explanation

- **A → 1 → Y:** The **Píndos** Mountains form the principal mountain range of mainland Greece. They divide the country into eastern and western regions and are characterized by deep gorges and rugged terrain.
- **B → 3 → X:** **Mount Olympus** is the highest peak in Greece (2,917 m) and is renowned for its historical, cultural, and mythological significance.
- **C → 2 → Z:** **Santorini** is an active volcanic system whose volcanic and seismic activity reflects the tectonic interaction between the African and Eurasian plates.

Hence, the correct answer is (d).

- 8) With reference to the **Interoperable Criminal Justice System (ICJS)**, consider the following statements:
1. The platform integrates **Bhashini** to facilitate multilingual translation of **Zero-FIRs** across different Indian languages.
 2. Although the e-Courts and e-Prosecution modules digitize legal workflows, they do not permit the electronic transfer of case files between agencies due to privacy concerns.
 3. The platform monitors statutory timelines for filing chargesheets under recent criminal laws such as the **Bharatiya Nagarik Suraksha Sanhita (BNSS)**.

Which of the statements given above are correct?

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

Answer: (d)

Explanation

- **Statement 1 is correct.** ICJS integrates **Bhashini** to enable multilingual translation of Zero-FIRs, improving accessibility across languages.
 - **Statement 2 is incorrect.** One of the key objectives of ICJS is the **electronic transfer of case files, e-summons, and evidence** among police, prosecutors, courts, and prisons, reducing delays caused by physical file movement.
 - **Statement 3 is correct.** The platform tracks statutory timelines, including the filing of chargesheets under laws such as the **BNSS**, ensuring compliance with legal deadlines.
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- 9) Consider the following statements regarding the **Unmanned Aerial Vehicle Launched Precision Guided Missile (ULPGM)-V3**:

Statement-I: The ULPGM-V3 is capable of carrying out highly accurate precision strikes against hostile targets in electronically contested environments without requiring continuous human guidance during flight.

Statement-II: The missile employs a dual-mode guidance system consisting of a passive **Imaging Infrared (IIR) seeker** and **laser guidance**, enabling accurate target engagement even in electronic warfare conditions.

Statement-III: A two-way digital **S-band datalink** provides real-time target updates, mid-course corrections, and in-flight re-targeting capability.

Which one of the following is correct?

- (a) Both Statement-II and Statement-III are correct, and both explain Statement-I.
(b) Both Statement-II and Statement-III are correct, but only one of them explains Statement-I.
(c) Only one of Statements II and III is correct, and it explains Statement-I.

(d) Neither Statement-II nor Statement-III is correct.

Answer: (a)

Explanation

- **Statement-I is correct.** ULPGM-V3 is a fire-and-forget precision missile designed to engage targets accurately even in heavily jammed electronic warfare environments.
 - **Statement-II is correct** and explains Statement-I because the combination of an **Imaging Infrared (IIR) seeker** and **laser guidance** enables autonomous target tracking without depending on vulnerable external navigation signals.
 - **Statement-III is also correct** and further explains Statement-I, as the **two-way S-band datalink** supports real-time target updates, mid-course corrections, and dynamic re-targeting during flight.
 - Hence, **both Statements II and III correctly explain Statement-I.**
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10) Consider the following statements regarding the **National Statistical Commission (NSC)**:

Statement-I: The National Statistical Commission (NSC) is an autonomous advisory body established to promote the independence, credibility, and quality of official statistical activities in the country.

Statement-II: The **Chief Statistician of India (CSI)**, who serves as the Secretary to the Government of India in the Ministry of Statistics and Programme Implementation (MoSPI), is the **ex-officio Chairperson** of the NSC.

Which one of the following is correct?

- (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 correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.

Answer: (c)

Explanation

- **Statement-I is correct.** The NSC is an autonomous advisory body established to strengthen the credibility, quality, and independence of India's official statistical system.
 - **Statement-II is incorrect.** The **Chief Statistician of India (CSI)** serves as the **Secretary to the Commission**, while the NSC is headed by a **part-time Chairperson**, not by the CSI.
 - Therefore, **Statement-I is correct, whereas Statement-II is incorrect.**
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11) Consider the following statements:

Statement-I: A **Super El Niño** is generally identified when sea-surface temperature anomalies in the Niño 3.4 region exceed about **+2°C**, whereas a normal El Niño is characterized by comparatively lower positive anomalies.

Statement-II: The development of a Super El Niño is primarily triggered by the strengthening of the easterly trade winds, which push warm surface waters toward the western Pacific.

Which of the following information supports the above statements?

1. Rising background ocean temperatures associated with long-term climate change can increase the likelihood of extreme El Niño events.
2. Weakening or reversal of the equatorial trade winds allows warm surface waters to shift eastward toward the central and eastern Pacific.
3. A Super El Niño results in a uniform increase in tropical cyclone activity across all ocean basins.

Select the correct answer using the code given below:

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

Answer: (c)

Explanation

- **Statement-I is correct.** A Super El Niño is typically identified when sea-surface temperature anomalies in the Niño 3.4 region exceed **+2°C**.
- **Statement-II is incorrect.** Super El Niño develops due to the **weakening or reversal** of the easterly trade winds, allowing warm waters to move eastward.
- **Information 1** supports Statement-I by explaining how higher background ocean temperatures can intensify El Niño events.
- **Information 2** explains the actual atmospheric mechanism responsible for the development of a Super El Niño.
- **Information 3 is incorrect**, as El Niño affects cyclone activity differently across various ocean basins rather than increasing it uniformly.

12) Consider the following statements regarding the **Reciprocal Exchange of Logistics Agreement (RELOS)**:

1. RELOS is a bilateral logistics support agreement concluded between **India and Russia** to facilitate military logistics cooperation.
2. It establishes a formal military alliance requiring the armed forces of both countries to undertake joint combat operations against third-party nations.

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

- **Statement 1 is correct.** RELOS is a bilateral logistics agreement between **India and Russia** that facilitates access to each other's military facilities for refuelling, maintenance, supplies, and other logistical support.
 - **Statement 2 is incorrect.** RELOS is **not a military alliance** or mutual defence treaty. It only streamlines logistical cooperation and does not obligate either country to participate in joint combat operations.
 - Therefore, **only Statement 1 is correct.**
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