



FJ Edu Online Exam CA
04 Sep 26

1. Consider the following statements regarding the 2026 Legal Metrology (Indian Standard Time) Rules:

1. They make IST a legally enforceable reference for specified time-dependent uses.
 2. The rules require traceability to the national time standard maintained by CSIR-NPL.
- A) Both 1 and 2
B) 1 only
C) 2 only
D) Neither 1 nor 2

Correct Answer is : A

Explanation :

- The Indian Express reported that the rules give legal status to Indian Standard Time and require traceable time sources linked to the national standard maintained by CSIR-NPL. This extends the logic of legal metrology from physical measurements to reliable time references.

2. Consider the following statements about EOS-05:

1. It is intended for geosynchronous orbit.
 2. It is designed to provide persistent imagery useful for agriculture and disaster management.
- A) 1 only
B) Both 1 and 2
C) 2 only
D) Neither 1 nor 2

Correct Answer is : B

Explanation :

- The Indian Express reported that EOS-05 is India's first imaging satellite intended for geosynchronous orbit, about 36,000 km above Earth, and that its persistent observation can support agriculture and disaster management.

3. Consider the following statements about the new GDP series:

1. Its base year is 2022–23.
 2. The revised methodology incorporates new price and production indicators.
- A) 1 only
B) 2 only
C) Both 1 and 2

D) Neither 1 nor 2

Correct Answer is : C

Explanation :

• The Indian Express and Times of India reported that the GDP series has moved from the 2011–12 base to 2022–23 and incorporates updated sources and methods, including PPI-related deflation and updated production indicators.

4. Consider the following statements about Bihar's renewable-energy plan:

1. The state targets nearly 24 GW of renewable capacity by 2030.

2. It also targets 6 GWh of energy-storage capacity by 2030.

A) Both 1 and 2

B) 1 only

C) 2 only

D) Neither 1 nor 2

Correct Answer is : A

Explanation :

• The Indian Express reported Bihar's Renewable Energy Policy 2025 targets of nearly 24 GW renewable capacity and 6 GWh storage by 2030. The plan is driven largely by solar power and aims to reduce dependence on purchased electricity.

5. Consider the following statements about the Supreme Court's NCTE ruling:

1. The Court upheld the NCTE's power to seek annual Performance Appraisal Reports from Teacher Education Institutions.

2. The Court restored the Delhi High Court's 2023 order that had rejected the notice.

A) 2 only

B) Both 1 and 2

C) 1 only

D) Neither 1 nor 2

Correct Answer is : C

Explanation :

• The Supreme Court upheld the NCTE notice requiring annual Performance Appraisal Reports from teacher-education institutions and set aside the contrary Delhi High Court order. The ruling linked regulatory accountability with the quality of teacher preparation.

6. Consider the following statements about the FCRA amendment bill committee:

1. The parliamentary committee has 31 members.

2. Its composition includes 21 Lok Sabha members and 10 Rajya Sabha members.

A) 1 only

B) Both 1 and 2

C) 2 only

D) Neither 1 nor 2

Correct Answer is : B

Explanation :

• The Times of India reported a 31-member committee, with 21 members from the Lok Sabha and 10 from the Rajya Sabha. BJP MP Sanjay Jaiswal was named chairperson by Speaker Om Birla.

7. Consider the following about the WMO El Niño warning:

1. The phenomenon is associated with unusual warming of the equatorial Pacific Ocean.
2. The WMO expected the episode to persist until February 2027.
3. It can alter rainfall and temperature patterns globally.

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

Correct Answer is : D

Explanation :

• The Indian Express reported WMO Secretary-General Celeste Saulo's warning that a very strong El Niño was established and expected to last until February 2027. El Niño arises from equatorial Pacific warming and can disrupt global weather patterns.

8. Consider the following about the Delhi automated vehicle-testing station at Tehkhand:

1. It is Delhi's second Automated Testing Station.
2. It has four lanes.
3. Its annual capacity is 72,000 vehicles.

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

Correct Answer is : C

Explanation :

• The Times of India reported Delhi's second ATS at the DTC Tehkhand depot. The four-lane facility can test 72,000 vehicles annually, including heavy and light motor vehicles and two-wheelers, using automated fitness checks.

9. Consider the following regarding EV charging on highways:

1. The Ministry of Heavy Industries identified 60 priority corridors.
2. The proposed model envisages greater participation by automobile manufacturers.
3. The government said direct EV-purchase subsidies would continue to be the sole mechanism for building charging infrastructure.

- A) 2 and 3 only

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

Correct Answer is : B

Explanation :

• The Times of India reported 60 priority corridors and a proposal for automakers to coordinate deployment of charging infrastructure across assigned stretches. The government is gradually relying more on industry rather than treating purchase subsidies as the sole solution.

10. Consider the following regarding retrofit emission-control devices:

1. They are intended for older polluting trucks and buses.
2. The reported technology can reduce particulate matter by up to 90%.
3. The technology can reduce nitrogen oxide emissions by about 60%.

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

Correct Answer is : D

Explanation :

• The Times of India reported that the government plans to allow retrofit emission-control devices for ageing trucks and buses. The cited performance was up to 90% reduction in particulate matter and 60% in nitrogen oxides.

11. Consider the following about the cruise e-group visit visa:

1. It is meant for foreign tourists arriving on cruise vessels following fixed itineraries.
2. Nationals of all 172 countries currently eligible for India's e-tourist visa can use it.
3. Entry is limited to one designated seaport.

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

Correct Answer is : A

Explanation :

• The Times of India reported the new e-group visit visa for cruise tourists and said nationals of all 172 e-tourist-visa-eligible countries can use it. Entry can be through any of 38 designated e-visa-enabled seaports, so statement 3 is incorrect.

12. Consider the following about Ladakh's hill councils:

1. Autonomous Hill Development Councils now cover all seven districts.
2. The five newly created districts are added to the earlier Leh and Kargil framework.
3. Each council has 26 directly elected councillors under the reported framework.

- A) 1 and 2 only

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

Correct Answer is : C

Explanation :

- The Indian Express reported that LAHDCs are being extended to all seven districts, adding five new districts to Leh and Kargil. The Act provides for 26 directly elected councillors in each council, who elect a chief executive councillor.

13. Consider the following about the Goa archaeological discovery:

1. It occurred on Divar Island.
2. Finds included a Kirtimukh motif.
3. The remains were dated broadly between the 14th and 16th centuries.

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

Correct Answer is : D

Explanation :

- The Indian Express reported the discovery during restoration at the old Saptakoteswar temple site on Divar Island. Finds included a Kirtimukh, a carved pillar capital and Dev Khostam remains, broadly dated to the 14th–16th centuries.

14. Consider the following regarding the FSSAI action in Ajmer:

1. Broken noodles collected from the floor were allegedly reprocessed into bhujia.
2. Officials found unlicensed bhujia variants.
3. The inspection identified deficiencies in hygiene, documentation and pest-control records.

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

Correct Answer is : A

Explanation :

- The Indian Express reported an FSSAI inspection at a CG Foods unit in Ajmer that found floor-collected broken noodles allegedly reprocessed into bhujia, unlicensed variants and deficiencies in hygiene, documentation and pest-control records.

15. Consider the following about India–Belgium ties:

1. Defence cooperation discussed drones and rockets.
2. Semiconductor cooperation was also part of the engagement.
3. Belgian Defence Minister Theo Francken accompanied Prime Minister Bart De Wever.

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

Correct Answer is : B

Explanation :

- The Indian Express reported expanded India–Belgium cooperation covering maritime security, military hardware, drones, rockets and semiconductors. Belgian Defence and Foreign Trade Minister Theo Francken accompanied Prime Minister Bart De Wever.

16. Consider the following statements about EOS-05:

1. The GSLV-F17 is the 19th flight of India's Geosynchronous Satellite Launch Vehicle.
2. The rocket is a three-stage vehicle with a cryogenic third stage.
3. The payload mass reported for EOS-05 was 2,367 kg.
4. The launch took place from the second launch pad at Satish Dhawan Space Centre.

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

Correct Answer is : A

Explanation :

- The Indian Express reported all four details: GSLV-F17 was the 19th GSLV flight, is a three-stage launcher with a cryogenic third stage, carried a 2,367-kg payload and lifted off from the second launch pad at Sriharikota.

17. Consider the following about the 2026 GDP revision:

1. The new base year is 2022–23.
2. The earlier series used 2011–12.
3. PPI is among the updated inputs discussed for deflation.
4. The RBI is the agency responsible for producing the national GDP series.

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

Correct Answer is : B

Explanation :

- The Indian Express and Times of India reported the shift from 2011–12 to 2022–23 and the use of improved price indicators such as PPI. GDP estimates are produced by MoSPI/NSO, not the RBI.

18. Consider the following about Bihar's electricity situation:

1. Bihar collected over ₹19,000 crore from electricity users in 2025–26.
2. It spent roughly ₹25,000–35,000 crore annually buying power externally.
3. Its own generation capacity was reported at about 550 MW.
4. Peak summer demand was reported at about 9,500 MW.

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

Correct Answer is : C

Explanation :

- The Indian Express reported all four figures. The mismatch between limited generation and high peak demand helps explain Bihar's push for renewable capacity and storage as a route toward greater energy self-reliance.

19. Consider the following about NCTE regulation:

1. NCTE is a statutory body concerned with teacher education.
2. The Supreme Court linked teacher quality with children's educational outcomes.
3. Annual Performance Appraisal Reports were sought from Teacher Education Institutions.
4. The Court held that NCTE had no role in ensuring accountability of teacher-education institutions.

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

Correct Answer is : B

Explanation :

- The Supreme Court, as reported by the Indian Express and Times of India, upheld NCTE's regulatory notice for annual PARs and emphasised the importance of teacher quality. Statement 4 reverses the Court's reasoning about NCTE's accountability role.

20. Consider the following about the FCRA amendment bill committee:

1. Sanjay Jaiswal was named chairperson.
2. The panel has 21 Lok Sabha and 10 Rajya Sabha members.
3. It was asked to report by the last day of the first week of the winter session.
4. The committee was created by the Supreme Court.

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

Correct Answer is : A

Explanation :

- The Times of India reported Speaker Om Birla's constitution of the 31-member parliamentary committee, chaired by BJP MP Sanjay Jaiswal, with a stated reporting timeline. It is a parliamentary committee, not a Supreme Court body.

21. Consider the following about Ladakh's autonomous councils:

1. The framework earlier covered Leh and Kargil.
2. It is now extended to Sham, Nubra, Changthang, Zaskar and Drass.
3. The move is described as decentralising local planning and development.
4. The councils were originally created in 1995 under the LAHDC Act.

A) 1, 2 and 3 only

B) 1, 2 and 4 only

C) 1, 3 and 4 only

D) 1, 2, 3 and 4

Correct Answer is : D

Explanation :

- The Indian Express reported the extension from Leh and Kargil to five newly created districts and described the move as decentralisation. It also traced the hill-council framework to 1995 under the LAHDC Act.

22. Consider the following about El Niño and Indian rainfall:

1. El Niño is fundamentally an ocean-atmosphere phenomenon.
2. It originates in the equatorial Pacific.
3. It can affect Indian monsoon behaviour through large-scale circulation changes.
4. A strong El Niño guarantees drought in every part of India.

A) 1 and 4 only

B) 2 and 4 only

C) 1, 2 and 3 only

D) 1, 2, 3 and 4

Correct Answer is : C

Explanation :

- The Indian Express reported the WMO warning and explained El Niño as an equatorial Pacific ocean-atmosphere phenomenon that can disrupt weather globally. Its influence raises drought risk in India but cannot guarantee identical rainfall outcomes everywhere.

23. Consider the following about the UN sea-level report:

1. Mumbai was identified among South Asian megacities vulnerable to permanent inundation.
2. The report warned that more than 14 million people in Mumbai, Kolkata and Dhaka could face displacement.
3. Global sea level rose by a record 5.9 mm in 2024.
4. The report treated land subsidence as irrelevant to coastal risk.

A) 1 and 4 only

B) 2 and 3 only

C) 1, 2, 3 and 4

D) 1, 2 and 3 only

Correct Answer is : D

Explanation :

• The Indian Express reported the UN warning, including the 2024 record rise of 5.9 mm and displacement risk in major South Asian cities. Mumbai's vulnerability is compounded by land subsidence, saltwater intrusion and intense rainfall, making statement 4 false.

24. Consider the following about Delhi's Tehkhand ATS:

1. It can test heavy and light motor vehicles as well as two-wheelers.
2. One lane is earmarked for two-wheelers.
3. Automated checks include braking, suspension and headlight alignment.
4. The facility increases dependence on testing centres outside Delhi.

A) 1, 2 and 3 only

B) 1 and 4 only

C) 2 and 3 only

D) 1, 2, 3 and 4

Correct Answer is : A

Explanation :

• The Times of India reported 52,000 annual heavy/light-vehicle tests and 20,000 two-wheeler tests, with one lane for two-wheelers and automated checks such as braking and suspension. The stated objective is to reduce dependence on facilities outside Delhi.

25. Consider the following about RECDs:

1. The reported technology originated from an IIT-Delhi innovation.
2. It is intended to complement vehicle scrappage and replacement.
3. It targets particulate matter and nitrogen oxides.
4. It is intended primarily for electric buses.

A) 1 and 4 only

B) 2 and 3 only

C) 1, 2 and 3 only

D) 1, 2, 3 and 4

Correct Answer is : C

Explanation :

• The Times of India reported that the retrofit device emerged from an IIT-Delhi innovation and is intended for older polluting trucks and buses, complementing scrappage. It targets particulate matter and nitrogen oxides, not electric buses.

26. Consider the following about the cruise visa policy:

1. It is administered by the Union Home Ministry.
2. The dedicated visa is called e-group visit visa (cruise).

3. Eligible cruise tourists may enter through 38 designated e-visa-enabled seaports.
4. The scheme is restricted to nationals of G20 countries.

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

Correct Answer is : B

Explanation :

- The Times of India reported that the Home Ministry introduced the e-group visit visa (cruise), with access through 38 designated e-visa-enabled seaports. Eligibility follows the existing 172-country e-tourist-visa list, not G20 membership.

27. Consider the following about the India–Belgium visit:

1. Bart De Wever was Belgium's Prime Minister.
2. It was his first visit to India since taking office in February 2025.
3. Defence and semiconductor cooperation were both discussed.
4. Belgium is a member of the European Union.

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

Correct Answer is : A

Explanation :

- The Indian Express reported De Wever's first India visit since becoming Prime Minister in February 2025 and discussions on defence and semiconductors. Belgium is also an EU member, making all four statements consistent.

28. Consider the following about the Goa temple-site discovery:

1. The old Saptakoteshwar temple site is on Divar Island.
2. A Kirtimukh is traditionally associated with temple doorways.
3. The findings included a carved capital of a temple pillar.
4. The report dated the discoveries exclusively to the Mauryan period.

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

Correct Answer is : D

Explanation :

- The Indian Express reported the Divar Island discovery, including a Kirtimukh and carved pillar capital, and dated the remains broadly to the 14th–16th centuries. The Mauryan-period claim is therefore incorrect.

29. Consider the following about FSSAI's Ajmer inspection:

1. The inspection concerned a namkeen manufacturing unit.
2. Wai-Wai-labelled bhujia variants were among the products mentioned.
3. More than 32,000 kg of stock was seized.
4. FSSAI is a constitutional body created by the Constitution.

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

Correct Answer is : D

Explanation :

- The Indian Express reported the FSSAI action at an Ajmer unit, including unlicensed Wai-Wai variants and seizure of over 32,000 kg of stock. FSSAI is a statutory authority under the Food Safety and Standards Act, not a constitutional body.

30. Consider the following about the 2026 FCRA committee:

1. NDA members constitute 19 of the 31 seats.
2. Opposition parties raised concerns about executive control of assets after FCRA licence withdrawal or non-renewal.
3. The bill was sent for wider scrutiny after Lok Sabha action.
4. The committee is chaired by a Rajya Sabha member.

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

Correct Answer is : B

Explanation :

- The Times of India reported 19 NDA members, concerns about executive control of assets, and the bill's referral for detailed scrutiny. Sanjay Jaiswal, a Lok Sabha BJP MP, was named chairperson, so statement 4 is false.

31. Consider the following regarding the United Nations sea-level assessment:

1. It identified Mumbai as vulnerable to permanent inundation.
2. Kolkata and Dhaka were also among the South Asian cities discussed.
3. The report projected possible global sea-level rise of 0.5 to 2 metres by 2100 depending on emissions.
4. It recommended ignoring displacement and social impacts in climate-risk assessment.

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

Correct Answer is : C

Explanation :

- The Indian Express reported that the UN assessment highlighted Mumbai, Kolkata and Dhaka and discussed a possible 0.5–2-metre rise by 2100 under different emissions scenarios. It urged greater attention to human displacement and social impacts, making statement 4 incorrect.

32. Consider the following regarding India's EV-charging policy discussion:

1. Nearly half of mapped charging stations were reported as non-functional.
2. The Ministry of Heavy Industries identified 60 priority corridors.
3. SIAM was asked to help coordinate with automakers.
4. The proposal sought to assign each highway stretch to the Central Electricity Authority for charging deployment.

A) 1 and 4 only

B) 1, 2 and 3 only

C) 2 and 3 only

D) 1, 2, 3 and 4

Correct Answer is : B

Explanation :

- The Times of India reported that nearly half of mapped charging stations were non-functional and that the Ministry of Heavy Industries had identified 60 priority corridors. SIAM was discussed as a coordinating industry body with automakers; the Central Electricity Authority was not the proposed coordinator.

33. Assertion (A): A legally traceable time standard can reduce inconsistencies among time-dependent systems.

Reason (R): The 2026 rules connect time sources to the IST standard maintained by CSIR-NPL.

A) Both A and R are true, and R is the correct explanation of A.

B) Both A and R are true, but R is not the correct explanation of A.

C) A is true, but R is false.

D) A is false, but R is true.

Correct Answer is : A

Explanation :

- The Indian Express explained that traceability provides a common reference for time sources. Linking systems ultimately to NPL-maintained IST is therefore the institutional mechanism behind greater consistency.

34. Assertion (A): EOS-05 can provide more persistent observation than many lower-orbit Earth-observation satellites.

Reason (R): Its intended geosynchronous orbit keeps it moving at the same angular rate as Earth's rotation.

A) Both A and R are true, but R is not the correct explanation of A.

- B) A is true, but R is false.
 C) Both A and R are true, and R is the correct explanation of A.
 D) A is false, but R is true.

Correct Answer is : C

Explanation :

- The Indian Express reported that EOS-05 is intended for geosynchronous orbit at roughly 36,000 km, where the satellite matches Earth's rotational rate. That orbital geometry enables persistent observation of a broad region.

35. Assertion (A): The 2.6% GDP-growth figure circulating in the debate is not a valid official real-growth comparison.

Reason (R): It was derived by mixing GDP levels from different statistical series.

- A) Both A and R are true, but R is not the correct explanation of A.
 B) Both A and R are true, and R is the correct explanation of A.
 C) A is true, but R is false.
 D) A is false, but R is true.

Correct Answer is : B

Explanation :

- The Indian Express reported MoSPI's rebuttal that the 2.6% calculation mixed old- and new-series levels. Because the series have different bases and methods, the comparison is not like-for-like.

36. Assertion (A): Bihar's renewable push has an energy-security dimension as well as a climate dimension.

Reason (R): The state spends substantially more on buying external power than it collects from electricity users.

- A) Both A and R are true, but R is not the correct explanation of A.
 B) A is true, but R is false.
 C) Both A and R are true, and R is the correct explanation of A.
 D) A is false, but R is true.

Correct Answer is : C

Explanation :

- The Indian Express reported Bihar's large annual power-purchase bill compared with electricity revenue. This financial dependence, combined with rising demand, helps explain the state's interest in renewable generation and storage.

37. Assertion (A): The NCTE's annual PAR requirement was upheld as a regulatory accountability measure.

Reason (R): The Supreme Court considered teacher education integral to the quality of children's education.

- A) Both A and R are true, but R is not the correct explanation of A.
 B) A is true, but R is false.

C) A is false, but R is true.

D) Both A and R are true, and R is the correct explanation of A.

Correct Answer is : D

Explanation :

- The Indian Express and Times of India reported that the Court linked teacher quality and teacher education to children's educational outcomes and therefore upheld NCTE's ability to seek annual appraisal reports.

38. Assertion (A): The new cruise e-group visa is designed to facilitate organised cruise tourism.

Reason (R): It applies to foreign nationals arriving on cruise vessels following a fixed, predetermined itinerary.

A) Both A and R are true, but R is not the correct explanation of A.

B) A is true, but R is false.

C) A is false, but R is true.

D) Both A and R are true, and R is the correct explanation of A.

Correct Answer is : D

Explanation :

- The Times of India reported the dedicated cruise visa for tourists arriving on vessels with fixed itineraries. The structure is intended to simplify entry for organised cruise travel and support India's cruise-tourism ambitions.

39. Assertion (A): The Ladakh hill-council expansion represents decentralisation rather than creation of a new tier of Union-level government.

Reason (R): The move extends elected local self-governance to the five newly created districts.

A) Both A and R are true, and R is the correct explanation of A.

B) Both A and R are true, but R is not the correct explanation of A.

C) A is true, but R is false.

D) A is false, but R is true.

Correct Answer is : A

Explanation :

- The Indian Express described the extension of LAHDCs as a measure to strengthen participatory local governance and district-level planning. It builds on the existing Leh–Kargil council model rather than creating a Union-level legislature.

40. Assertion (A): The UN sea-level assessment makes adaptation relevant even without assuming a single global inundation outcome.

Reason (R): Coastal risk depends not only on sea-level rise but also on local factors such as land subsidence and saltwater intrusion.

A) Both A and R are true, but R is not the correct explanation of A.

B) A is true, but R is false.

C) Both A and R are true, and R is the correct explanation of A.

D) A is false, but R is true.

Correct Answer is : C

Explanation :

- The Indian Express reported that Mumbai's vulnerability is compounded by subsidence, saltwater intrusion and intense rainfall. This shows why adaptation assessments must combine global sea-level projections with local exposure and vulnerability.

41. Assertion (A): Retrofit emission-control devices and vehicle scrappage are complementary rather than mutually exclusive measures.

Reason (R): RECDs are intended to reduce emissions from older vehicles that may remain in service.

A) Both A and R are true, and R is the correct explanation of A.

B) Both A and R are true, but R is not the correct explanation of A.

C) A is true, but R is false.

D) A is false, but R is true.

Correct Answer is : A

Explanation :

- The Times of India explicitly reported that RECDs would complement the scrappage and replacement programme. Their role is to cut emissions from older trucks and buses that continue operating.

42. Match List I with List II:

List I — 1. EOS-05 2. FQCI 3. NCTE 4. FSSAI

List II — A. Teacher education regulation B. Food safety C. Geosynchronous Earth observation D. Quantum computing hub

A) 1-D, 2-C, 3-B, 4-A

B) 1-C, 2-A, 3-D, 4-B

C) 1-C, 2-D, 3-A, 4-B

D) 1-B, 2-D, 3-A, 4-C

Correct Answer is : C

Explanation :

- EOS-05 is the geosynchronous Earth-observation mission; FQCI is IISc's Section 8 company for the quantum-computing thematic hub; NCTE regulates teacher education; FSSAI handles food-safety regulation.

43. Match List I with List II:

List I — 1. Tehkhand 2. Divar Island 3. Ajmer 4. Sehore

List II — A. Food-safety inspection B. Automated vehicle testing C. Saptakoteshwar archaeological site D. Transformer manufacturing

A) 1-C, 2-A, 3-D, 4-B

B) 1-B, 2-C, 3-A, 4-D

C) 1-B, 2-D, 3-A, 4-C

D) 1-A, 2-C, 3-B, 4-D

Correct Answer is : B

Explanation :

• Tehkhand hosts Delhi's second ATS; Divar Island is the Saptakoteshwar archaeological site; Ajmer was the FSSAI inspection location; Sehore was reported in connection with the transformer facility.

44. Match List I with List II:

List I — 1. El Niño 2. GLOF 3. Blue carbon 4. RECD

List II — A. Coastal ecosystem carbon B. Vehicle emission-control technology C. Equatorial Pacific warming event D. Glacial lake flood

A) 1-D, 2-C, 3-B, 4-A

B) 1-C, 2-A, 3-D, 4-B

C) 1-B, 2-D, 3-A, 4-C

D) 1-C, 2-D, 3-A, 4-B

Correct Answer is : D

Explanation :

• El Niño is the ocean-atmosphere phenomenon centred on the equatorial Pacific; GLOF means glacial lake outburst flood; blue carbon refers to coastal ecosystem carbon; RECDs reduce vehicle emissions.

45. Match the institution with the current-affairs role:

1. WMO 2. MHA 3. MoSPI 4. CSIR-NPL

A. GDP statistics B. Himalayan disaster preparedness C. National time standard
D. Global weather/climate warning

A) 1-B, 2-D, 3-C, 4-A

B) 1-D, 2-B, 3-A, 4-C

C) 1-D, 2-A, 3-B, 4-C

D) 1-C, 2-B, 3-A, 4-D

Correct Answer is : B

Explanation :

• WMO issued the El Niño warning; MHA directed Himalayan states and UTs to strengthen GLOF and avalanche preparedness; MoSPI produces GDP estimates; CSIR-NPL maintains the national time standard.

46. Match the reported number with its context:

1. 24 GW 2. 6 GWh 3. 72,000 4. 38

A. Annual ATS vehicle capacity B. Renewable capacity target C. Energy-storage target
D. Cruise e-visa-enabled seaports

A) 1-C, 2-B, 3-D, 4-A

B) 1-B, 2-D, 3-C, 4-A

C) 1-A, 2-C, 3-B, 4-D

D) 1-B, 2-C, 3-A, 4-D

Correct Answer is : D

Explanation :

• The Indian Express and Times of India reported Bihar's 24-GW renewable target and 6-GWh storage target, Delhi's 72,000-vehicle annual ATS capacity and 38 seaports for the cruise e-visa route.

47. Match the reported figure with the correct context:

1. ₹1.38 lakh crore 2. ₹3,800 crore 3. ₹19,000 crore 4. ₹25,000–35,000 crore

A. Bihar electricity revenue B. Bihar annual external power purchases C. Bihar clean-energy investment plan D. Free-power burden

A) 1-C, 2-D, 3-A, 4-B

B) 1-B, 2-A, 3-D, 4-C

C) 1-C, 2-A, 3-B, 4-D

D) 1-D, 2-B, 3-C, 4-A

Correct Answer is : A

Explanation :

• The Indian Express reported Bihar's planned ₹1.38-lakh-crore clean-energy investment, ₹3,800-crore burden from free power, over ₹19,000 crore electricity revenue and ₹25,000–35,000 crore annual external power purchases.

48. Match the item with the most appropriate legal/statutory context:

1. FCRA bill 2. NCTE notice 3. SIR Form 7 4. DUSU indemnity

A. Teacher-education accountability B. Electoral-roll objection/deletion C. Foreign-contribution regulation D. University-election property liability

A) 1-A, 2-C, 3-D, 4-B

B) 1-C, 2-A, 3-B, 4-D

C) 1-C, 2-B, 3-A, 4-D

D) 1-D, 2-A, 3-B, 4-C

Correct Answer is : B

Explanation :

• The FCRA bill concerns foreign contributions; the NCTE notice concerns annual PARs; Form 7 is used for objections to or deletion from electoral rolls; DUSU candidates were required to give a property-damage indemnity.

49. Match the technology with its reported purpose:

1. EOS-05 2. RECD 3. Automated Testing Station 4. Quantum Computing Thematic Hub

A. Vehicle fitness B. Earth observation C. Emission reduction D. Quantum technology development

A) 1-C, 2-A, 3-D, 4-B

B) 1-B, 2-D, 3-C, 4-A

C) 1-B, 2-C, 3-A, 4-D

D) 1-A, 2-C, 3-B, 4-D

Correct Answer is : C

Explanation :

• EOS-05 is an Earth-observation satellite; RECDs reduce vehicle emissions; ATSs automate vehicle fitness testing; IISc's FQCI serves as the quantum-computing thematic hub under the National Quantum Mission.

50. Match the location with the reported event:

1. Kyiv 2. Sriharikota 3. Divar Island 4. Tehkhand

A. India's geosynchronous imaging launch B. India-Ukraine diplomatic engagement

C. Goa archaeological discovery D. Delhi automated vehicle testing

A) 1-B, 2-A, 3-C, 4-D

B) 1-A, 2-C, 3-D, 4-B

C) 1-B, 2-D, 3-A, 4-C

D) 1-C, 2-A, 3-B, 4-D

Correct Answer is : A

Explanation :

• Jaishankar's Ukraine engagement was reported from Kyiv; EOS-05 launched from Sriharikota; the temple remains were found on Divar Island; and Delhi's new ATS is at Tehkhand.

51. Match the body with the reported issue:

1. JCRA 2. WMO 3. NCTE 4. NHRC

A. El Niño warning B. Teacher-education PARs C. Human-rights notices on online child-abuse material D. Sovereign credit rating

A) 1-A, 2-D, 3-C, 4-B

B) 1-D, 2-B, 3-A, 4-C

C) 1-C, 2-A, 3-B, 4-D

D) 1-D, 2-A, 3-B, 4-C

Correct Answer is : D

Explanation :

• JCRA handled the sovereign rating action; WMO warned about El Niño; NCTE's authority to seek PARs was upheld; NHRC issued notices concerning platform responsibility and child sexual-abuse material.

52. Match the current-affairs item with its principal sector:

1. Bihar 24-GW plan 2. EOS-05 3. FCRA committee 4. Cruise e-group visa

A. Energy B. Space C. Parliamentary scrutiny D. Tourism/immigration

A) 1-B, 2-A, 3-D, 4-C

B) 1-A, 2-B, 3-C, 4-D

C) 1-A, 2-C, 3-B, 4-D

D) 1-D, 2-B, 3-C, 4-A

Correct Answer is : B

Explanation :

• The Bihar plan is an energy-policy initiative; EOS-05 is a space mission; the FCRA amendment bill is under parliamentary scrutiny; and the cruise visa is an immigration facilitation measure for tourism.

53. Match the legal concept with the reported matter:

1. Article 21A 2. Section 31, RPA 1951 3. FCRA 4. Legal metrology
 A. Foreign contributions B. Right to education C. False electoral-roll declarations
 D. Measurement standards
 A) 1-C, 2-B, 3-D, 4-A
 B) 1-B, 2-D, 3-A, 4-C
 C) 1-B, 2-C, 3-A, 4-D
 D) 1-A, 2-C, 3-B, 4-D

Correct Answer is : C

Explanation :

• The NCTE case invoked the importance of the constitutional right to education; the Delhi SIR case discussed Section 31 of the RPA; FCRA governs foreign contributions; and legal metrology supplies the measurement-standard framework extended to time.

54. Match List I with List II:

- List I — 1. 24 GW 2. 6 GWh 3. 60 corridors 4. 72,000 vehicles
 List II — A. Bihar storage target B. Bihar renewable target C. EV-priority corridors
 D. Tehkhand ATS annual capacity
 A) 1-B, 2-A, 3-C, 4-D
 B) 1-A, 2-B, 3-D, 4-C
 C) 1-B, 2-C, 3-A, 4-D
 D) 1-D, 2-A, 3-C, 4-B

Correct Answer is : A

Explanation :

• The reported figures come from separate but current infrastructure and energy stories: Bihar's plan includes 24 GW of renewable capacity and 6 GWh storage; the Ministry of Heavy Industries identified 60 EV-priority corridors; and Delhi's Tehkhand ATS has annual capacity for 72,000 vehicles.

55. Consider the following pairs:

1. EOS-05 — Geosynchronous orbit
 2. GSLV-F17 — 19th GSLV flight
 3. Satish Dhawan Space Centre — Sriharikota
 4. EOS-05 — Low Earth Orbit
 A) 1 and 4 only
 B) 2 and 3 only
 C) 1, 2, 3 and 4
 D) 1, 2 and 3 only

Correct Answer is : D

Explanation :

• The Indian Express reported EOS-05's intended geosynchronous orbit, GSLV-F17 as the 19th GSLV flight and Sriharikota as the launch site. EOS-05 is specifically distinguished from lower-orbit imaging satellites by its geosynchronous destination.

56. Consider the following pairs:

1. 145 million — Indian children exposed to an additional month of heat stress
2. 61% — share of Indian 0–9-year-olds affected
3. 560 million — global 0–9-year-olds affected
4. 30% — Indian children experiencing five additional months of heat stress

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

Correct Answer is : C

Explanation :

• Times of India and Indian Express reported 145 million Indian children, or 61% of those aged 0–9, and up to 560 million globally, or 43%, experiencing at least one additional month. The 30% figure relates to older people globally, not Indian children.

57. Consider the following pairs:

1. ₹1.38 lakh crore — Bihar clean-energy investment plan
2. 24 GW — Bihar renewable target
3. 6 GWh — Bihar storage target
4. 9,500 MW — Bihar reported peak summer demand

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

Correct Answer is : B

Explanation :

• The Indian Express reported all four figures in Bihar's energy story. The combination shows a large gap between present generation, peak demand and the state's planned renewable-plus-storage expansion.

58. Consider the following pairs:

1. 72,000 — annual vehicle tests at Tehkhand ATS
2. 52,000 — heavy and light motor vehicle tests
3. 20,000 — two-wheeler tests
4. Four — total testing lanes

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

C) 1, 2 and 4 only

D) 1, 3 and 4 only

Correct Answer is : A

Explanation :

• The Times of India reported a four-lane ATS with annual capacity of 72,000 vehicles, divided into 52,000 heavy/light vehicles and 20,000 two-wheelers. All four pairings are therefore accurate.

59. Consider the following pairs:

1. 90% — maximum reported particulate-matter reduction by RECD

2. 60% — reported nitrogen-oxide reduction

3. IIT-Delhi — source of the underlying innovation

4. Scrappage — unrelated policy to RECDs

A) 1, 2 and 3 only

B) 1 and 4 only

C) 2 and 3 only

D) 1, 2, 3 and 4

Correct Answer is : A

Explanation :

• The Times of India reported up to 90% PM and 60% NOx reductions and linked the device to an IIT-Delhi innovation. It explicitly said the measure would complement, not replace, the scrappage programme.

60. Consider the following pairs:

1. 172 countries — existing e-tourist-visa eligibility pool

2. 38 seaports — cruise e-visa entry points

3. Fixed itinerary — condition for the cruise vessel

4. Home Ministry — agency introducing the visa

A) 1 and 2 only

B) 2 and 3 only

C) 1, 2, 3 and 4

D) 1, 3 and 4 only

Correct Answer is : C

Explanation :

• The Times of India reported that the cruise e-group visa follows the existing 172-country e-tourist-visa eligibility, permits entry through 38 designated seaports, applies to fixed itineraries and was introduced by the Home Ministry.

61. Consider the following pairs:

1. 31 — FCRA parliamentary panel members

2. 19 — NDA members on the panel

3. 21 — Lok Sabha members

4. 10 — Rajya Sabha members

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

Correct Answer is : D

Explanation :

• The Times of India gave the committee's full composition: 31 members, 19 from the NDA, with 21 from Lok Sabha and 10 from Rajya Sabha. These figures describe the committee's current notified composition.

62. Consider the following pairs:

1. Seven — Ladakh districts with LAHDC framework
2. Five — newly created districts receiving councils
3. 26 — directly elected councillors per council
4. 1997 — year the Act was first enacted

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

Correct Answer is : C

Explanation :

• The Indian Express reported seven districts, five newly added beyond Leh and Kargil, and 26 directly elected councillors per council. The hill-council framework was created in 1995; 1997 is associated with the Act cited in the notification, so statement 4 is not a correct pairing.

63. Consider the following pairs:

1. 5.9 mm — global sea-level rise in 2024
2. 0.5–2 m — reported possible rise by 2100 under different scenarios
3. Mumbai — South Asian megacity highlighted in the UN report
4. Land subsidence — factor that can compound coastal risk

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

Correct Answer is : D

Explanation :

• The Indian Express reported the 5.9-mm 2024 rise, a possible 0.5–2-m rise by 2100 depending on emissions, Mumbai's vulnerability and land subsidence as an additional local risk. All four pairings follow the report.

64. Study the following table:

Indicator | Reported value

Bihar renewable target by 2030 | 24 GW

Bihar storage target by 2030 | 6 GWh

Bihar generation capacity | 550 MW

Peak summer demand | 9,500 MW

Which conclusion is most directly supported?

- A) Bihar already has generation capacity exceeding peak demand.
- B) Bihar's planned renewable-plus-storage expansion is aimed partly at closing a major present supply-demand gap.
- C) Storage is planned only to replace all existing generation immediately.
- D) The figures show no need for external power purchases.

Correct Answer is : B

Explanation :

- The Indian Express figures show present generation of about 550 MW against peak summer demand near 9,500 MW, alongside ambitious renewable and storage targets. The policy therefore addresses a substantial supply-demand and procurement gap.

65. Study the following table:

Vehicle class | Annual ATS allocation

Heavy and light motor vehicles | 52,000

Two-wheelers | 20,000

Total | 72,000

Which inference is correct?

- A) Two-wheelers account for more than half the annual capacity.
- B) The facility allocates a larger testing capacity to heavy/light vehicles than to two-wheelers.
- C) The total capacity is 92,000 vehicles.
- D) The facility has no separate lane for two-wheelers.

Correct Answer is : B

Explanation :

- The Times of India reported 52,000 annual tests for heavy/light motor vehicles and 20,000 for two-wheelers, totalling 72,000. Thus heavy/light vehicles receive the larger capacity allocation and a dedicated two-wheeler lane exists.

66. Study the following table:

Heat-stress exposure | Reported population

Indian children with at least one additional month | 145 million

Global children aged 0–9 with at least one additional month | 560 million

Indian children aged 0–9 with at least five total months | 118 million

Global people aged 60–69 with an additional month | 190 million

Which inference is most appropriate?

- A) Older adults globally are the only group with measurable heat-stress exposure.
- B) The Indian figure of 118 million represents all Indian children of every age.

C) The global 560-million figure refers only to India.

D) Children are a particularly exposed age group, with climate-attributable heat stress affecting a large share of India's young population.

Correct Answer is : D

Explanation :

- The study reported by Times of India and Indian Express found children to be especially exposed. In India, 145 million children aged 0–9 experience at least one additional month, while 118 million experience at least five total months.

67. Case study: A railway operator wants all control systems to display a common, legally defensible time reference. Which approach best reflects the 2026 policy described in the news?

A) Synchronise time sources through traceability to IST maintained by CSIR-NPL.

B) Allow each control centre to define its own local time standard.

C) Use only GPS display time without an authorised national reference.

D) Replace IST with separate state-level standards.

Correct Answer is : A

Explanation :

- The Indian Express reported that the new rules establish legally enforceable IST and traceability to the national standard maintained by CSIR-NPL. This is particularly relevant for critical systems where small timing discrepancies matter.

68. Case study: A state has low own-generation capacity, high peak demand and large annual power purchases. It plans solar generation plus storage. Which policy rationale is most consistent with the Bihar report?

A) Abandon all grid-connected generation and rely only on rooftop solar.

B) Increase external power purchases as the principal route to self-reliance.

C) Reduce dependence on external electricity purchases while adding dispatchable flexibility through storage.

D) Treat storage as unrelated to renewable integration.

Correct Answer is : C

Explanation :

- The Indian Express described Bihar's large power-purchase expenditure, limited generation and high peak demand alongside a 24-GW renewable and 6-GWh storage target. Storage can help integrate variable renewable generation and improve supply flexibility.

69. Case study: A teacher-education institution argues that NCTE cannot demand annual PARs because the reports are an administrative burden. Which principle from the Supreme Court ruling most directly counters the argument?

- A) A statutory regulator may seek information reasonably connected with its mandate to maintain quality and accountability in teacher education.

- B) Teacher-education institutions are outside all regulatory oversight.
- C) Only state governments may evaluate teacher-education institutions.
- D) Annual PARs are constitutionally mandatory for every private organisation.

Correct Answer is : A

Explanation :

- The Supreme Court, as reported by the Indian Express and Times of India, upheld NCTE's authority to require annual PARs as part of its regulatory role. The Court connected accountability of teacher education with the quality of children's education.

70. In the context of the new GDP series, which one of the following best describes 'double deflation'?

- A) Deflating GDP twice with the same price index.
- B) Using CPI alone to convert all nominal output into real output.
- C) Subtracting inflation from nominal GDP without considering input prices.
- D) Separately adjusting output and input values using their respective price changes to estimate real value added.

Correct Answer is : D

Explanation :

- The Indian Express explained that double deflation separately adjusts output and inputs for their respective price movements. It can matter when input and output prices diverge, giving a more conceptually consistent measure of real value added.

71. Which one of the following best explains why a geosynchronous orbit is useful for persistent Earth observation?

- A) A satellite can match Earth's rotational rate, allowing it to remain over or repeatedly observe a broad region with high continuity.
- B) A satellite in geosynchronous orbit always passes over both poles every 90 minutes.
- C) The orbit places the satellite inside the atmosphere.
- D) The orbit eliminates the need for any ground station.

Correct Answer is : A

Explanation :

- The Indian Express explained that EOS-05 is intended for roughly 36,000-km geosynchronous orbit, where orbital angular speed matches Earth's rotation. This supports persistent observation of a large footprint compared with rapidly moving low-orbit platforms.

72. Which one of the following most accurately distinguishes a GLOF from ordinary seasonal river flooding?

- A) A GLOF is any flood occurring during the southwest monsoon.
- B) A GLOF involves sudden release of water associated with a glacial lake and can generate rapid downstream flooding.
- C) A GLOF is a flood caused only by tidal surges.
- D) A GLOF is a legal dispute over inter-State river water.

Correct Answer is : B

Explanation :

- The Indian Express's Himalayan disaster coverage used GLOF for glacial lake outburst floods, in which stored water can be released rapidly. Such events are cryosphere-related hazards and may become dangerous because of steep downstream terrain.

73. A policy analyst compares the old GDP-series Q1 level with the new-series Q1 level and concludes that the economy contracted sharply. Which methodological objection is strongest?

- A) GDP levels from any two years can never be compared.
- B) Nominal GDP is never revised by statistical agencies.
- C) Only the RBI can validate GDP comparisons.
- D) Different bases and revised methods mean the two series should not be mixed for a like-for-like growth comparison.

Correct Answer is : D

Explanation :

- The Indian Express reported that MoSPI's new series changed the base year and methods and revised historical estimates. Mixing old- and new-series levels can therefore produce a misleading growth calculation.

74. A city wants to cut emissions from ageing diesel buses but cannot immediately replace its entire fleet. Which current-affairs measure most directly fits this constraint?

- A) Replacing all buses with petrol buses.
- B) Removing emission testing from older buses.
- C) Retrofitting eligible older vehicles with emission-control devices while continuing the broader scrappage/replacement strategy.
- D) Using only traffic restrictions without vehicle technology changes.

Correct Answer is : C

Explanation :

- The Times of India reported the government's plan to permit retrofit emission-control devices for older polluting trucks and buses. The measure is explicitly complementary to scrappage and replacement, offering an interim emissions-reduction route.

75. Which sequence correctly links the current developments?

1. FCRA amendment bill — parliamentary committee scrutiny
2. EOS-05 — geosynchronous imaging
3. NCTE — annual PARs from TEIs
4. Bihar Renewable Energy Policy — 24-GW renewable target

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

D) 4, 2, 1 and 3

Correct Answer is : B

Explanation :

- Each linkage is supported by the reported news: the FCRA bill was sent to a 31-member committee, EOS-05 targets geosynchronous imaging, NCTE's PAR notice was upheld, and Bihar's policy targets nearly 24 GW of renewables by 2030.

