



FJ Edu Online Exam CA
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1. Consider the following statements regarding the new Legal Metrology (Indian Standard Time) Rules, 2026:

1. They make IST a legally enforceable reference for official and commercial use.
 2. Time-dependent systems in government and critical sectors are given 180 days for compliance.
- 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 Union Consumer Affairs Ministry notified the rules on August 27. They require traceable IST use and allow 180 days for compliance, giving legal status to a common time reference.

2. With reference to the Indian Standard Time system highlighted in recent reporting, consider:

1. IST is UTC plus 5 hours 30 minutes.
 2. CSIR-NPL is responsible for maintaining and disseminating India's realisation of UTC.
- A) 1 only
B) Both 1 and 2
C) 2 only
D) Neither 1 nor 2

Correct Answer is : B

Explanation :

- The Indian Express explained that IST equals UTC (NPLI) plus 5 hours 30 minutes and that CSIR-NPL maintains, realises and disseminates the national time standard. The rules therefore connect legal metrology with scientific timekeeping.

3. The recent Copyright Office decision concerning DABUS primarily turned on which of the following?

1. The artwork was found original because no specific existing work was shown to have been copied.
 2. The AI system itself was recognised as the legal author.
- A) 2 only

- B) Both 1 and 2
- C) 1 only
- D) Neither 1 nor 2

Correct Answer is : C

Explanation :

- The Indian Express reported that the Copyright Office rejected Stephen Thaler's application for an artwork generated by DABUS, while accepting that the work was original. It did not recognise the AI as author; human responsibility for bringing the work into existence remained relevant.

4. Consider the following statements about the Pichavaram mangrove study reported on September 3:

1. Its estimated Total Economic Value was ₹2,485.38 crore.
 2. The valuation represented guaranteed annual cash revenue from the forest.
- A) 1 only
 - B) 2 only
 - C) Both 1 and 2
 - D) Neither 1 nor 2

Correct Answer is : A

Explanation :

- The Hindu reported a study valuing Pichavaram's ecosystem services at ₹2,485.38 crore. The figure is a modelled Total Economic Value, covering ecological and socio-economic services, not annual revenue or a budgetary receipt.

5. Consider the following statements about the reported India–Belgium engagement:

1. Defence cooperation included discussion of military hardware and rockets.
 2. Belgium's Prime Minister Bart De Wever was visiting India for the first time since taking office in February 2025.
- A) 1 only
 - B) 2 only
 - C) Both 1 and 2
 - D) Neither 1 nor 2

Correct Answer is : C

Explanation :

- The Indian Express reported that India and Belgium discussed defence and semiconductor cooperation, while the Times of India reported ten defence-related agreements involving rockets and military hardware. The visit was De Wever's first to India since becoming Prime Minister in February 2025.

6. Regarding the proposed India–US Bilateral Trade Agreement, consider:

1. India said it would finalise and announce details after receiving preferential tariff treatment relative to competitors.

2. The statement was made by the Commerce and Industry Minister.

- 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 Piyush Goyal's statement at a national workshop on leveraging FTAs. India's position was that final details would be announced after Washington provides preferential tariff terms compared with competing countries.

7. Consider the following statements about India's Q1 FY2027 GDP data:

1. Real GDP growth in April–June 2026 was reported at 7.8%.
 2. The January–March 2026 growth rate was revised upward from 7.8% to 8.6% in the new series.
 3. The new series uses 2022–23 as its base year.
- 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 :

- MoSPI's revised series, discussed by the Indian Express and Times of India, put Q1 FY27 growth at 7.8% and revised the preceding quarter to 8.6%. The new GDP series uses 2022–23 as the base year.

8. Which of the following correctly describes 'double deflation' in the new GDP methodology?

1. Output and input values are adjusted using their respective price changes.
 2. It can matter when input and output prices move at different rates.
 3. Under the earlier system, double deflation was used uniformly for all sectors.
- A) 2 and 3 only
 - B) 1 and 3 only
 - C) 1 and 2 only
 - D) 1, 2 and 3

Correct Answer is : C

Explanation :

- The Indian Express explained that double deflation adjusts output and input separately, making it useful when their prices diverge. Before the new series, MoSPI used it only for agriculture and mining and quarrying rather than uniformly across sectors.

9. Consider the following statements about Q1 FY27 goods exports:

1. Overall goods exports in April–June rose 15% year-on-year to \$129.32 billion.
2. Non-petroleum, non-gems and jewellery exports rose 12% to \$99.04 billion.
3. Economists estimated that net exports added about three percentage points to GDP growth.

- 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 record June exports and gave the April–June figures of \$129.32 billion and \$99.04 billion. Economists attributed about three percentage points of Q1 GDP growth to net exports, partly because real imports declined amid the West Asia disruption.

10. With reference to the RBI-linked foreign-exchange mobilisation reported on September 3:

1. FCNR(B) deposits accounted for \$127.226 billion of mobilisation as of August 31.
2. Total inflows including OFCBs and ECBs were reported at \$136.377 billion.
3. FCNR(B) deposits are fixed-term deposits that can be maintained by qualifying non-residents in designated foreign currencies.

- 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 and Times of India reported the provisional figures of \$127.226 billion through FCNR(B) deposits and \$136.377 billion including overseas foreign-currency borrowings and ECBs. FCNR(B) deposits permit qualifying non-residents to hold designated foreign currencies.

11. Consider the following about the Japan Credit Rating Agency's India action:

1. India's sovereign rating was upgraded from BBB+ to A-.
2. The outlook was stable.
3. The agency cited robust private consumption and public investment as growth supports.

- 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 JCRA's upgrade to A- with a stable outlook. Its assessment pointed to steady growth supported by private consumption and public investment, while also noting fiscal structural challenges such as intergovernmental fiscal relations.

12. Consider the following statements about the proposed nuclear 'green energy' status:

1. Private players sought the status partly to access green bonds and green loans.
2. NITI Aayog held a stakeholder consultation on the issue.
3. India targets 100 GWe of nuclear power capacity by 2047.

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 private participants sought green-energy recognition for nuclear power to widen financing options. The consultation was held by NITI Aayog, and the article noted India's 100 GWe nuclear target for 2047.

13. Consider the following statements about cold allodynia:

1. It involves pain or distress from ordinary cold temperatures.
2. It is associated with chemotherapy-induced peripheral neuropathy.
3. Oxaliplatin was identified as a commonly used platinum-containing drug linked to the side effect.

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 research by IISc Bengaluru and TCG-CREST on the neural circuit associated with cold allodynia. The condition can occur as a chemotherapy-induced neural side effect, and oxaliplatin is a commonly used platinum-containing drug associated with it.

14. Consider the following statements about the Himalayan hazard story:

1. High Mountain Asia was described as warming at roughly twice the global average in a cited 2022 study.
2. Hanging glaciers can form on steep slopes following glacier instability.
3. GLOFs involve water associated with glacial melt and sudden outburst processes.

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 cited research showing High Mountain Asia warming at about 0.32°C per decade versus 0.16°C globally. It also explained how unstable glaciers can develop hanging glaciers and how glacial lake outburst floods can release stored meltwater rapidly.

15. Consider the following statements about the Cauvery dispute:

1. Entry 17 of the State List covers water-related matters subject to Entry 56 of the Union List.
2. Article 262 empowers Parliament regarding adjudication of inter-State river-water disputes.
3. The Inter-State River Water Disputes Act was enacted in 1956.

- 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 explained that water is in Entry 17 of the State List, subject to Union List Entry 56, while Article 262 concerns adjudication of inter-State river-water disputes. Parliament enacted the ISRWD Act in 1956 under this constitutional framework.

16. Match the reported irrigation-related detail with the correct description:

List I — 1. June 12 2. January 28 3. About 230 days 4. Mettur Dam

List II — A. Normal opening date B. Normal closing date C. Approximate irrigation window D. Key Cauvery Delta storage structure

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

Correct Answer is : A

Explanation :

- The Indian Express reported that in a normal year Mettur Dam opens around June 12 and closes around January 28, providing an approximately 230-day irrigation window for the Cauvery Delta. The schedule depends on monsoon conditions and upstream releases.

17. Consider the following statements about the 2026 IST rules:

1. CSIR-NPL maintains the national time reference.

2. Traceability means linking a clock ultimately to IST maintained by NPL.
3. The rules seek legal status for time comparable to physical measurements.
4. The rules abolish the use of UTC in scientific timekeeping.

- 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 explained that NPL maintains IST, traceability links time sources to that standard, and the rules extend legal metrology principles to time. UTC remains the international reference; IST is India's realisation of UTC plus 5:30, so statement 4 is wrong.

18. Regarding CSIR-NPL's timekeeping system, consider:

1. It uses extremely precise atomic clocks.
2. The clocks maintain national time within nanoseconds of UTC.
3. IST is described as a registered trademark of CSIR-NPL.
4. The new rules were the first time India ever used IST.

- A) 1 and 3 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 NPL's atomic-clock infrastructure, nanosecond-level relationship with UTC, and IST as a registered trademark. India has used IST for decades; the 2026 rules make its reference legally enforceable rather than creating IST anew.

19. With reference to the DABUS copyright ruling, consider:

1. Stephen Thaler filed the application.
2. DABUS was the AI system involved.
3. The Copyright Office found no evidence of copying from a specific existing work.
4. The ruling treated AI as an independent legal author.

- 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 Indian Express identified American computer scientist Stephen Thaler and his DABUS system. The Office considered the artwork original because no specific copying was shown, but it retained a human-authorship concept and did not recognise AI itself as author.

20. Consider the following statements about the ecosystem services highlighted by the Pichavaram study:

1. Mangroves can provide coastal protection.
2. Fisheries and livelihood support can be included in ecosystem valuation.
3. Climate-regulation benefits can be part of such valuation.
4. Ecosystem-service valuation necessarily excludes non-market benefits.

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

Correct Answer is : A

Explanation :

- The Hindu's report described Pichavaram's valuation as covering ecological and socio-economic services. Mangroves can protect coasts, support fisheries and livelihoods, and regulate climate. Such valuations can include non-market services, so statement 4 is incorrect.

21. Consider the following statements about Pichavaram's blue carbon assessment:

1. Soil organic carbon is important in mangrove carbon storage.
2. Blue carbon can be associated with coastal ecosystems.
3. Mangrove conservation can provide climate-regulation benefits.
4. Blue carbon refers only to carbon stored in tree trunks above ground.

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

Correct Answer is : D

Explanation :

- The reported Pichavaram study highlights blue carbon and the importance of mangrove sediments. Blue carbon broadly concerns carbon captured and stored by coastal and marine ecosystems, so restricting it to above-ground trunks would be incorrect.

22. Regarding the FCNR(B)-led forex mobilisation, consider:

1. FCNR(B) deposits may be held in designated foreign currencies.
2. The reported mobilisation was linked to an RBI special programme.
3. OFCBs and ECBs were also included in the wider inflow figure.

4. FCNR(B) deposits are ordinary domestic rupee savings accounts.

A) 1, 2 and 4 only

B) 1 and 3 only

C) 1, 2 and 3 only

D) 2, 3 and 4 only

Correct Answer is : C

Explanation :

• The Times of India and Indian Express reported the special RBI-linked mobilisation through FCNR(B), OFCBs and ECBs. FCNR(B) deposits allow qualifying non-residents to retain savings in specified foreign currencies, unlike ordinary rupee deposits.

23. Consider the following about JCRA's India rating action:

1. The rating moved from BBB+ to A-.

2. The outlook was stable.

3. The agency mentioned fiscal-management challenges linked to electoral cycles.

4. The agency attributed India's growth solely to exports.

A) 1, 3 and 4 only

B) 2 and 4 only

C) 1, 2, 3 and 4

D) 1, 2 and 3 only

Correct Answer is : D

Explanation :

• The Indian Express reported the upgrade to A- with stable outlook and noted fiscal challenges including sensitivity to electoral cycles. The agency instead highlighted private consumption and public investment, not exports alone, as growth supports.

24. With reference to the nuclear-finance discussion, consider:

1. Private participants sought green-energy classification for nuclear power.

2. Green bonds were among the financing instruments mentioned.

3. SEBI's green-debt framework was part of the broader finance-policy context.

4. India's 2047 nuclear target cited in the report was 10 GWe.

A) 1, 2 and 3 only

B) 1 and 4 only

C) 2 and 4 only

D) 1, 2, 3 and 4

Correct Answer is : A

Explanation :

• The Indian Express reported the request for green-energy status to widen financing through green bonds and loans and mentioned the Ministry of Finance, RBI and SEBI green-finance frameworks. The cited 2047 target is 100 GWe, not 10 GWe.

25. Consider the following about cold allodynia research:

1. IISc Bengaluru was part of the research team.

2. TCG-CREST was also involved.
 3. The work concerned a neural circuit associated with chemotherapy-induced cold pain.
 4. The study concerned only psychological responses to chemotherapy.
- 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 joint work involving IISc Bengaluru and Kolkata-based TCG-CREST that identified a brain circuit associated with cold allodynia after chemotherapy. The finding concerns neural processing of a physical sensory side effect, not merely psychological responses.

26. Consider the following statements about Himalayan glacial instability:

1. Rapid warming and climate variability can contribute to glacier instability.
 2. Unstable glaciers can show large short-term changes in velocity.
 3. Hanging glaciers on steep slopes can pose break-off risks.
 4. GLOFs are unrelated to glacial lakes.
- A) 1 and 4 only
 B) 1, 2 and 3 only
 C) 2 and 4 only
 D) 1, 2, 3 and 4

Correct Answer is : B

Explanation :

- The Indian Express described Himalayan glaciers as showing geometric and dynamic instability, including potentially large changes in velocity, and linked this to hanging-glacier break-off risks. GLOFs specifically involve water stored in or released from glacial lakes, so statement 4 is false.

27. Consider the following statements about the Cauvery constitutional framework:

1. Article 262 concerns inter-State river-water disputes.
 2. Entry 56 of the Union List concerns regulation and development of inter-State rivers and river valleys when declared by Parliament by law.
 3. Entry 17 of the State List covers water-related matters subject to Entry 56.
 4. Parliament enacted the ISRWD Act under Article 356.
- A) 1, 2 and 3 only
 B) 1 and 4 only
 C) 2 and 4 only
 D) 1, 2, 3 and 4

Correct Answer is : A

Explanation :

- The Indian Express explained Articles 246 and 262 and Entries 17 and 56 in the water-dispute framework. The ISRWD Act, 1956 is connected to Article 262, not Article 356, which concerns constitutional machinery in states.

28. Consider the following about Mekedatu:

1. The project is near where the Cauvery enters Tamil Nadu.
2. Karnataka argues it would serve Bengaluru's water needs.
3. Tamil Nadu objects to possible effects on downstream releases.
4. The proposed project is on the Krishna river.

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

Correct Answer is : D**Explanation :**

- The Indian Express placed Mekedatu on the Cauvery and reported Karnataka's argument that it would primarily address Bengaluru's water needs and improve regulation. Tamil Nadu fears upstream storage could affect dry-year downstream releases.

29. Consider the following about Chinese manufacturing dominance:

1. It spans textiles, machinery and electronics.
2. It includes solar PV, batteries and EVs.
3. Supplier networks and infrastructure contribute to its scale.
4. The discussion concluded that Chinese imports have no effect on Indian MSMEs.

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

Correct Answer is : D**Explanation :**

- The Indian Express discussion identified a broad manufacturing base, supplier networks, infrastructure and technology as components of China's advantage. It also said Chinese imports have affected MSME-led domestic manufacturing, making statement 4 incorrect.

30. Consider the following about India's export performance in Q1 FY27:

1. June goods exports reached a reported record of \$44.24 billion.
2. Overall April–June goods exports rose 15% year-on-year.
3. Non-petroleum, non-gems and jewellery exports rose 12%.
4. The export surge was entirely due to petroleum shipments.

- A) 1, 3 and 4 only

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

Correct Answer is : B

Explanation :

• The Indian Express reported a record June figure of \$44.24 billion and April–June growth of 15%, while non-petroleum, non-gems and jewellery exports rose 12%. The story also noted weakness in labour-intensive, low-margin exports, so the surge was not simply petroleum-driven.

31. Consider the following about India's new GDP series:

1. The base year is 2022–23.
2. PPI is among the new inputs used in the updated methodology.
3. The Banking Services Price Index was also incorporated.
4. GDP growth is released by the Reserve Bank of India.

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

Correct Answer is : C

Explanation :

• The Indian Express identified 2022–23 as the base year and cited PPI, updated IIP and the Banking Services Price Index as contributors to revisions. GDP estimates are produced by MoSPI/NSO, not the RBI.

32. Consider the following statements about the Himalayan disaster-preparedness discussion:

1. Remote seismic monitoring can support preparedness.
2. High-altitude early warning systems can reduce disaster risk.
3. Critical infrastructure should be zoned with hazard exposure in mind.
4. International cooperation is irrelevant because glacial hazards are purely domestic.

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

Correct Answer is : B

Explanation :

• The Indian Express discussion emphasised remote seismic monitoring, high-altitude early warning and risk-sensitive infrastructure zoning. It also stressed cross-border information sharing because upstream glacial instability can create downstream hazards.

33. Consider the following about the Legal Metrology framework:

1. Legal metrology traditionally deals with measurements such as mass and volume.
2. The new rules extend a comparable legal-reference approach to time.
3. NPL's role connects scientific standards with legal traceability.
4. The rules are primarily a weather-forecasting regulation.

A) 1, 2 and 3 only

B) 1 and 4 only

C) 2, 3 and 4 only

D) 1, 2, 3 and 4

Correct Answer is : A

Explanation :

- The Indian Express explained that legal metrology already verifies measurements such as mass and volume. The 2026 rules give time a comparable legal reference through NPL-traceable IST, with implications for critical systems and cybersecurity, not weather forecasting.

34. Assertion (A): The 2026 IST rules can improve comparability of time-dependent systems.

Reason (R): They require time sources to be traceable ultimately to IST maintained by CSIR-NPL.

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 explained that different systems may obtain time from sources with lags or different references. Traceability to NPL-maintained IST creates a common reference, directly explaining the comparability objective.

35. Assertion (A): The DABUS artwork was not rejected because the Copyright Office found it copied from a specific earlier artwork.

Reason (R): The Office found no record showing copying from a specific existing work.

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 that the Office considered the artwork original because there was no evidence of copying from a specific existing work. The separate issue was whether AI itself could be the legal author.

36. Assertion (A): India's Q1 FY27 real GDP growth cannot be meaningfully calculated by mixing GDP levels from different statistical series.

Reason (R): The revised series incorporates a new base year and methodological changes.

- 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 :

- MoSPI's rebuttal, reported by the Indian Express, stressed like-for-like comparisons. Because the revised series changes the base year and methods, combining old-series and new-series levels can generate a misleading growth rate.

37. Assertion (A): Double deflation can better capture real value added when input and output prices diverge.

Reason (R): It adjusts output and input values using their respective price movements.

- 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 explained that real GVA is obtained by separately adjusting output and input values for price changes. This avoids treating inputs and outputs as if they necessarily experienced identical inflation.

38. Assertion (A): The Mekedatu dispute reflects competing upstream and downstream interests in the same river basin.

Reason (R): Tamil Nadu fears additional upstream storage could affect releases during dry years.

- 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 reported Karnataka's argument that Mekedatu would help Bengaluru and regulate releases, while Tamil Nadu fears upstream storage could reduce downstream availability in dry years. The assertion follows directly from this allocation conflict.

39. Assertion (A): Pichavaram's TEV is a measure of ecosystem-service value rather than a government receipt.

Reason (R): The study monetised provisioning, regulating, supporting and cultural benefits.

- 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 Hindu's report described TEV as a valuation of ecosystem benefits, including multiple categories of services. Such valuation does not imply that the government receives the stated amount as cash revenue.

40. Assertion (A): The FCNR(B) mobilisation can support foreign-exchange liquidity.

Reason (R): FCNR(B) deposits allow eligible non-residents to retain savings in designated foreign currencies.

- 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 Times of India and Indian Express linked the record mobilisation to stronger forex liquidity. Because FCNR(B) deposits bring foreign-currency resources into the banking system, their mobilisation can strengthen available foreign-exchange liquidity.

41. Assertion (A): The Himalayan disaster discussion strengthens the case for regional disaster cooperation.

Reason (R): Glacial instability upstream can create hazards downstream across national boundaries.

- 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 highlighted the transboundary nature of Himalayan hazards and the need to communicate upstream instability downstream before disasters strike. This makes regional early-warning and information-sharing arrangements materially relevant.

42. Assertion (A): Nuclear power's proposed green-energy classification is linked to financing considerations.

Reason (R): Stakeholders sought access to instruments such as green bonds and green loans.

- 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 private participants wanted nuclear power recognised as green energy partly to widen financing through green bonds, green loans and blended finance. The financing objective therefore directly explains the request.

43. Match List I with List II:

List I — 1. CSIR-NPL 2. MoSPI 3. JCRA 4. NITI Aayog

List II — A. Sovereign credit rating B. GDP methodology C. National time standard
D. Nuclear green-finance consultation

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

Correct Answer is : B

Explanation :

- CSIR-NPL maintains India's scientific time standard; MoSPI produces GDP estimates; JCRA issued the sovereign-rating upgrade; and NITI Aayog hosted the nuclear green-finance stakeholder consultation.

44. Match List I with List II:

List I — 1. Pichavaram 2. Mekedatu 3. Najafgarh Lake 4. Sehore

List II — A. Power-transformer manufacturing B. Mangrove ecosystem C. Cauvery project
D. Bird habitat/sighting

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

Correct Answer is : D

Explanation :

- Pichavaram is the mangrove ecosystem in the valuation study; Mekedatu is the Cauvery project; Najafgarh Lake was associated with the sharp-tailed sandpiper sighting; Sehore hosts the reported large transformer facility.

45. Match List I with List II:

List I — 1. DABUS 2. FCNR(B) 3. PPI 4. GLOF

List II — A. Foreign-currency deposit B. AI system C. Price deflator framework D. Glacial flood event

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

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

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

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

Correct Answer is : B

Explanation :

• DABUS is the AI system in the copyright case; FCNR(B) is a foreign-currency deposit category; PPI is used in the revised GDP methodology; GLOF denotes a glacial lake outburst flood.

46. Match the recent news item with the most relevant environmental or governance concept:

List I — 1. Western Ghats ESA proposal 2. Periyar foam episode 3. Himalayan glacier instability 4. Pichavaram study

List II — A. Industrial pollution control B. Ecosystem-service valuation C. Cryosphere hazard D. Ecologically sensitive area

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

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

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

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

Correct Answer is : D

Explanation :

• The Hindu's September 3 coverage linked these four stories to an ESA proposal in the Western Ghats, pollution concerns in the Periyar, Himalayan cryosphere risks and ecosystem-service valuation at Pichavaram.

47. Match the financial term with its reported context:

1. FCNR(B) 2. OFCB 3. ECB 4. PPI

A. External commercial borrowing B. Foreign-currency non-resident deposit C. Overseas foreign-currency borrowing D. Price index used in revised GDP methodology

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

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

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

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

Correct Answer is : A

Explanation :

• The Times of India and Indian Express grouped FCNR(B), OFCBs and ECBs within the foreign-exchange mobilisation story. PPI belongs to the separate GDP-methodology discussion.

48. Match the location with the reported development:

1. Sriharikota 2. Sehore 3. Ramanagaram 4. Najafgarh Lake

A. Mekedatu vicinity B. EOS-05 launch C. Transformer plant D. Sandpiper sighting

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

Correct Answer is : B

Explanation :

• Sriharikota was the launch site for GSLV-F17/EOS-05; Sehore is the transformer facility location; Ramanagaram is associated with Mekedatu; Najafgarh Lake was the site of the reported bird sighting.

49. Match the institution with the reported role:

1. Copyright Office 2. RBI 3. SEBI 4. CSIR-NPL

A. Capital-market regulator B. Copyright registration authority C. Foreign-exchange programme D. National time standard

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

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

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

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

Correct Answer is : C

Explanation :

• The Copyright Office handled the DABUS application; RBI was central to the reported forex mobilisation; SEBI's green-debt framework appeared in the nuclear-finance discussion; CSIR-NPL maintains India's time standard.

50. Match the reported figure with its subject:

List I — 1. 35 units per month 2. 2,367 kg 3. 15% 4. 40 aircraft

List II — A. FLY91 ATR order B. Sehore transformer-plant monthly capacity C. EOS-05 approximate mass D. Q1 FY27 overall goods-export growth

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

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

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

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

Correct Answer is : A

Explanation :

• The Times of India reported the Sehore facility's capacity of 35 transformers a month, EOS-05 at about 2,367 kg, Q1 goods exports up 15%, and FLY91's order for 40 ATR aircraft.

51. Match the item with the correct description:

1. Hanging glacier 2. Blue carbon 3. Double deflation 4. Legal traceability

A. Separate adjustment of output and input prices B. Linking time to an authorised reference C. Carbon stored in coastal ecosystems D. Glacier on a steep slope

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

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

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

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

Correct Answer is : D

Explanation :

• These pairings follow the Indian Express explanations: hanging glaciers occur on steep slopes; blue carbon concerns coastal storage; double deflation separately adjusts inputs and outputs; time traceability links sources to authorised IST.

52. Match the report/news item with its principal theme:

1. JCRA upgrade 2. DABUS ruling 3. Pichavaram study 4. Mettur opening

A. Ecosystem valuation B. Sovereign creditworthiness C. AI authorship D. Cauvery irrigation

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

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

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

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

Correct Answer is : B

Explanation :

• The JCRA story concerns India's sovereign rating; DABUS concerns AI and authorship; Pichavaram concerns ecosystem services; Mettur's operation is tied to Cauvery Delta irrigation.

53. Match the source-specific development with the institution most directly associated:

1. EOS-05 mission 2. GDP series 3. BCI policy oversight 4. Highway surveillance suggestion

A. Supreme Court B. ISRO C. MoSPI D. NHAI

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

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 was an ISRO mission; MoSPI owns the GDP statistical series; the Supreme Court directed oversight around BCI policy decisions; and the NHAI was asked to consider surveillance systems at toll plazas.

54. Match the reported environmental issue with the relevant concept:

1. Himalayan glacier instability 2. Pichavaram 3. Western Ghats ESA 4. Periyar foam episode

A. Mangrove ecosystem services B. Industrial pollution control C. Cryosphere hazard D. Ecologically sensitive area

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

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

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

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

Correct Answer is : A

Explanation :

• The Hindu-linked reports covered Himalayan glacial hazards, Pichavaram mangroves, the Western Ghats ESA proposal and PCB action concerning pollution in the Periyar, respectively.

55. Consider the following pairs:

1. GSLV-F17 — EOS-05

2. NISAR — Sun-synchronous orbit

3. PSLV-C62 — Successful EOS-N1 mission

4. INSAT-3DS — Meteorological satellite

A) 1 and 3 only

B) 2 and 3 only

C) 1, 2, 3 and 4

D) 1, 2 and 4 only

Correct Answer is : D

Explanation :

• The Times of India reported GSLV-F17 placed EOS-05 into its transfer orbit and noted NISAR's sun-synchronous orbit. PSLV-C62 carrying EOS-N1 failed, while INSAT-3DS is among India's meteorological satellites.

56. Consider the following pairs concerning the revised GDP methodology:

1. 2022–23 — Base year of the new series

2. Double deflation — Separate adjustment of output and input prices

3. PPI — New price indicator used in the revised series

4. Banking Services Price Index — Indicator unrelated to the revisions

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 new series uses 2022–23 as base year and incorporates double deflation, PPI and the Banking Services Price Index. The latter was specifically cited as contributing to revisions, so statement 4 is false.

57. Consider the following pairs concerning ecosystem valuation:

1. Provisioning services — Benefits such as fisheries
2. Regulating services — Coastal protection and climate regulation
3. Supporting services — Ecological processes such as nutrient cycling
4. Cultural services — Only industrial electricity generation

- 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 Pichavaram coverage described ecosystem services across provisioning, regulating, supporting and cultural categories. Fisheries fit provisioning; coastal protection and climate regulation are regulating functions; nutrient cycling supports ecosystems. Cultural services are not limited to industrial electricity.

58. Consider the following pairs:

1. Article 348(2) — Constitutional route relevant to use of a State language in a High Court
2. Section 7 of the Official Languages Act, 1963 — Statutory provision cited in the Tamil Nadu resolution
3. Tamil Nadu Official Language Act, 1956 — State-level official-language framework
4. Article 343 — Provision specifically used by the resolution to authorise Tamil in the Madras High 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 that Tamil Nadu's resolution referred to Article 348(2) and Section 7 of the Official Languages Act, 1963, while recalling the Tamil Nadu Official Language Act, 1956. Article 343 was not the specific route cited for this High Court request.

59. Consider the following pairs:

1. FCNR(B) — designated foreign-currency deposit
2. OFCB — overseas foreign-currency borrowing
3. ECB — external commercial borrowing
4. PPI — foreign-exchange deposit instrument

- 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 and Indian Express grouped FCNR(B), OFCBs and ECBs in the forex-mobilisation story. PPI belongs to GDP price measurement, not foreign-exchange deposits or borrowing.

60. Consider the following pairs:

1. Sehore — high-voltage transformer plant
2. Ramanagaram — Mokedatu project area
3. Najafgarh Lake — sharp-tailed sandpiper sighting
4. Pichavaram — Himalayan glacier study

- 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 reported locations match Sehore's transformer facility, Ramanagaram's Mokedatu vicinity and Najafgarh Lake's bird sighting. Pichavaram is a Tamil Nadu mangrove ecosystem, not a Himalayan glacier site.

61. Consider the following pairs:

1. JCRA — India sovereign rating
2. NITI Aayog — nuclear green-finance consultation
3. CSIR-NPL — IST realisation
4. Copyright Office — FCNR(B) mobilisation

- 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 :

• JCRA handled the rating action, NITI Aayog hosted the nuclear-finance consultation, and CSIR-NPL maintains India's time standard. FCNR(B) mobilisation is associated with the RBI-linked forex programme, not the Copyright Office.

62. Consider the following pairs:

1. DABUS — AI-generated artwork
2. Double deflation — separate input/output price adjustment
3. GLOF — glacial lake outburst flood

4. Mekedatu — Ganga basin project

- 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 :

- DABUS, double deflation and GLOF are correctly paired. Mekedatu is a Cauvery project in Karnataka, not a Ganga-basin project.

63. Consider the following pairs from the September 3 trade discussion:

1. Preferential tariff treatment — India's condition for finalising the US BTA details
2. Comparative advantage — Relative tariff treatment versus competing exporters
3. Net exports — Contributed to Q1 GDP growth according to economists
4. Export growth — Necessarily implies every labour-intensive export segment performed strongly

- 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 Times of India reported India's demand for preferential tariff terms in the US BTA context. The Indian Express reported that net exports added about three percentage points to Q1 growth while noting weakness in several labour-intensive, low-margin export segments.

64. Study the following table:

Institution/Body	Reported role
CSIR-NPL	Maintains India's time standard
MoSPI	Produces revised GDP estimates
JCRA	Sovereign rating assessment
NITI Aayog	Nuclear green-finance consultation

Which option correctly identifies all four linkages?

- A) Only the first two are correctly matched.
- B) All four are correctly matched.
- C) Only the last two are correctly matched.
- D) Only the first and third are correctly matched.

Correct Answer is : B

Explanation :

- The September 3 reporting linked CSIR-NPL with national timekeeping, MoSPI with GDP estimation, JCRA with India's sovereign rating and NITI Aayog with stakeholder consultation on nuclear green finance.

65. Study the following table:

Development | Location

EOS-05 launch | Sriharikota

Transformer facility | Sehore

Mekedatu project area | Ramanagaram

Sharp-tailed sandpiper sighting | Najafgarh Lake

Which option is correct?

- A) Only the first and second are correctly matched.
- B) All four are correctly matched.
- C) Only the second and fourth are correctly matched.
- D) Only the first and third are correctly matched.

Correct Answer is : B

Explanation :

- The reported locations align with the EOS-05 launch from Sriharikota, the high-voltage transformer plant in Sehore, the Mekedatu area in Ramanagaram district and the sharp-tailed sandpiper sighting at Najafgarh Lake.

66. Study the following table:

Instrument/Concept | Description

FCNR(B) | Foreign-currency non-resident bank deposits

OFCB | Overseas foreign-currency borrowings

ECB | External commercial borrowings

PPI | Price indicator used in revised GDP methodology

Which option is correct?

- A) Only FCNR(B) and PPI are correctly matched.
- B) Only OFCB and ECB are correctly matched.
- C) Only FCNR(B), OFCB and ECB are correctly matched.
- D) All four are correctly matched.

Correct Answer is : D

Explanation :

- The Times of India and Indian Express reports distinguish FCNR(B), OFCBs and ECBs as channels in the forex-mobilisation story, while PPI belongs to the revised GDP methodology. All four descriptions therefore align.

67. Case study: A telecom operator, bank and railway control room obtain system time from different sources and show small timing discrepancies. Under the 2026 IST rules, which institutional arrangement most directly addresses the problem?

- A) Use a traceable reference ultimately linked to IST maintained by CSIR-NPL.

- B) Allow each institution to retain its own reference if it records the source.
- C) Replace IST with local solar time for each state.
- D) Use only the time displayed by consumer smartphones.

Correct Answer is : A

Explanation :

- The Indian Express explained that traceability means showing that a time source is ultimately linked to NPL-maintained IST. The purpose is a common legal reference, especially for critical and time-dependent systems.

68. Case study: A policy analyst compares the new-series Q1 FY27 GDP level with the old-series Q1 FY26 level and obtains 2.6% nominal growth. Which criticism best follows MoSPI's explanation?

- A) Nominal GDP can never be used for growth calculations.
- B) GDP must always be calculated from CPI alone.
- C) The comparison mixes different statistical series and therefore is not a like-for-like growth calculation.
- D) The new GDP series cannot revise historical data.

Correct Answer is : C

Explanation :

- The Indian Express reported MoSPI's objection that the 2.6% figure was derived from a hybrid comparison across old and new series. Like-for-like growth requires consistent series, base and methodology.

69. Case study: A Himalayan district plans a hydropower project below an unstable glacier and has no high-altitude early-warning system. Which combination best reflects the risk-reduction approach discussed in the Indian Express?

- A) Risk-sensitive infrastructure zoning plus remote monitoring and early warning.
- B) Only post-disaster compensation planning.
- C) Maximum tourist access to improve local revenue.
- D) Avoiding all satellite and seismic observations.

Correct Answer is : A

Explanation :

- The Indian Express discussion stressed that infrastructure should be zoned away from high-risk areas and that remote seismic monitoring and high-altitude early-warning systems can improve preparedness. Prevention and mitigation complement emergency response.

70. Which one of the following best distinguishes GDP deflator from CPI in the context of the recent GDP-methodology debate?

- A) GDP deflator is identical to WPI in all circumstances.
- B) CPI measures only producer input prices.
- C) GDP deflator is fixed permanently once a base year is chosen.

D) GDP deflator reflects price changes relevant to domestically produced output, while CPI measures consumer prices for a consumption basket.

Correct Answer is : D

Explanation :

• The Indian Express noted that GDP measurement uses deflation to move nominal values toward real estimates, while CPI is a consumer-price measure. They answer different measurement questions and need not move identically.

71. In the context of the Pichavaram study, 'Total Economic Value' is best understood as:

- A) A monetary valuation of the combined benefits provided by an ecosystem, including market and non-market services.
- B) The annual profit earned by the Forest Department from timber sales.
- C) The replacement cost of all mangrove trees.
- D) The market capitalisation of companies operating near the forest.

Correct Answer is : A

Explanation :

• The reported Pichavaram study used ecosystem valuation to monetise a broad set of services such as coastal protection, fisheries, climate regulation, biodiversity and cultural benefits. TEV is therefore broader than direct cash income.

72. In the context of the Himalayan reports, a Glacial Lake Outburst Flood is best described as:

- A) A slow seasonal rise in sea level caused by polar ice melt.
- B) A sudden release of water from a glacial lake that can produce destructive downstream flooding.
- C) A volcanic flood produced by magma entering a glacier.
- D) A river-water dispute caused by competing irrigation demands.

Correct Answer is : B

Explanation :

• The Indian Express described GLOFs as events in which water associated with glacial melt and glacial lakes can be released rapidly, producing floods. They are a cryosphere-related hazard rather than a political or volcanic phenomenon.

73. Which of the following was identified by the Japan Credit Rating Agency as a structural fiscal challenge for India?

- 1. Complex intergovernmental fiscal relations.
 - 2. Fiscal transfer arrangements.
 - 3. Fiscal management susceptible to electoral cycles.
- A) 2 and 3 only
 - B) 1 and 3 only
 - C) 1, 2 and 3
 - D) 1 and 2 only

Correct Answer is : D

Explanation :

- The Indian Express reported that alongside the A- stable rating, JCRA pointed to structural fiscal challenges involving intergovernmental fiscal relations, fiscal transfers and fiscal management affected by electoral cycles.

74. Which sequence correctly links the recent news items from institution to policy/data output?

1. MoSPI — revised GDP series
2. CSIR-NPL — traceable IST
3. JCRA — sovereign rating upgrade
4. Copyright Office — DABUS authorship decision

A) 1, 3, 2 and 4

B) 2, 1, 4 and 3

C) 1, 2, 3 and 4

D) 4, 2, 1 and 3

Correct Answer is : C

Explanation :

- Each linkage corresponds to the reported September developments: MoSPI's GDP revision, CSIR-NPL's role in IST, JCRA's sovereign-rating action and the Copyright Office's DABUS decision.

75. A current-affairs revision note groups the following as 'measurement/valuation issues': IST traceability, GDP deflation and ecosystem TEV. Which common principle most closely connects them?

- A) They are all taxation instruments.
- B) They seek a consistent or explicit basis for comparing or assigning value to otherwise different observations.
- C) They all measure military capability.
- D) They all concern only monetary policy.

Correct Answer is : B

Explanation :

- The three stories involve standardising or assigning a defensible reference: traceable national time, consistent price adjustment for real GDP, and monetary valuation of ecosystem services. The common thread is methodological comparability rather than taxation or monetary policy.