

AT – 15

Instructions (Q.1 to Q.7): Identify the option that corrects the grammatical or structural error in the sentence. Pay close attention to subject-verb agreement, parallelism, modifier placement, and idiomatic precision.

(TCS)

1. The array of cutting-edge solutions, though promising on paper, *fail to deliver consistent results across varied market conditions.*

- A. fail to deliver consistent results across varied market conditions.
- B. fails to deliver consistent results in varied market conditions.
- C. fail delivering consistently results across market conditions that vary.
- D. fails delivering consistent result across markets with conditions varying.

Answer: B

Hint: "Array" is singular, so the verb should be "fails." Also, "in varied market conditions" is more idiomatic.

2. Not only the researchers but also the funding agency *were blamed for the lack of transparency in the peer review process.*

- A. were blamed for the lack of transparency in the peer review process.
- B. was blamed for the lack of transparency in the peer review process.
- C. had been blamed due to transparency lacking in peer review process.
- D. have been blaming the transparency lacking peer review process.

Answer: B

Hint: The verb agrees with the nearest subject: "funding agency" (singular), so "was" is correct.

3. Each of the policy recommendations that were submitted to the advisory council *emphasize long-term, cross-sectoral impact.*

- A. emphasize long-term, cross-sectoral impact.
- B. emphasizes long-term, cross-sectoral impact.
- C. emphasized long-term impacts across sectors in the long run.
- D. are emphasizing impacts that are long-term and across multiple sectors.

Answer: B

Hint: The subject is "Each," which is singular, so the verb must be "emphasizes."

4. The report, having been delayed by both legal complications and logistical issues, *was finally presented with all stakeholders present.*

- A. was finally presented with all stakeholders present.
- B. had finally presented with presence of all stakeholders.
- C. finally been presented with stakeholders being present.
- D. is presenting finally with the stakeholders that were present.

Answer: A

Hint: Passive voice is correct here; "was finally presented" is clear and grammatically sound.

5. Neither the operational directors nor the compliance officers *approve of the abrupt policy changes made without internal consultations.*

- A. approve of the abrupt policy changes made without internal consultations.
- B. approves of abrupt policy changes without internal consultation being made.
- C. had approved policies changed abruptly without consultation.
- D. is approving of abrupt policy changes made without internal consults.

Answer: A

Hint: The verb agrees with "compliance officers" (plural), which comes closer to the verb; hence "approve" is correct.

6. The committee insisted that the proposal *be revised thoroughly before it could be submitted to the executive board.*

- A. be revised thoroughly before it could be submitted to the executive board.
- B. must revise thoroughly before submission to the board executive.
- C. was revised thoroughly before submission for board consideration.
- D. is to revise before submission to executive board.

Answer: A

Hint: Subjunctive mood is used after verbs like "insist"; the base form "be revised" is appropriate.

7. The methodology outlined in the study *incorporates both qualitative narratives and quantitative indicators in a complementary manner.*

- A. incorporates both qualitative narratives and quantitative indicators in a complementary manner.
- B. incorporate qualitative narratives and also quantitative indicator complementing each other.
- C. has incorporated both qualitative narrative and quantitative indicators in complementary

manners.

D. is incorporating qualitative and quantitative narrative and indicators.

Answer: A

Hint: "Methodology" is singular, so "incorporates" is correct. Also, the expression is fluent and idiomatic.

Instructions (Q.8 to Q.12): Choose the word or phrase that best completes each sentence. Focus on vocabulary, logical flow, and syntactic integrity.

(Infosys)

8. The movement, while initially viewed as radical, gradually gained mainstream acceptance as it began to align more closely with public sentiment and ____ political support.

- A. consolidated
- B. diluted
- C. abandoned
- D. disregarded

Answer: A

Hint: The sentence suggests growing acceptance; "consolidated" fits with strengthening support.

9. Despite extensive awareness campaigns, the public's response to the new environmental legislation has been largely ____, indicating a gap between information and action.

- A. skeptical
- B. apathetic
- C. enthusiastic
- D. spontaneous

Answer: B

Hint: "Apathetic" (indifferent) matches the idea of a weak response.

10. Her arguments, though laced with emotional appeal, were grounded in ____ logic that few could refute.

- A. circular
- B. fallacious
- C. impeccable
- D. evasive

Answer: C

Hint: The phrase “few could refute” implies the logic was flawless, i.e., “impeccable.”

11. The success of the urban renewal initiative can be attributed to a ____ of stakeholder engagement, data-driven planning, and long-term vision.

- A. divergence
- B. confluence
- C. hesitation
- D. partition

Answer: B

Hint: “Confluence” means coming together of elements; fits the idea of multiple contributing factors.

12. Several studies suggest that memory retention improves significantly when learners engage with the material through ____ rather than passive consumption.

- A. recitation
- B. repetition
- C. interaction
- D. imitation

Answer: C

Hint: “Engage with the material” suggests two-way learning—“interaction” is most appropriate.

Instructions (Q.13 to Q.17): Read the passage below and answer the questions that follow.

(Cognizant)

As artificial intelligence becomes more embedded in the processes of scientific discovery, researchers are both enthusiastic and cautious about its implications. AI systems can analyze vast datasets with speed and accuracy, uncovering patterns and correlations that human researchers might overlook. Proponents argue that, when thoughtfully integrated, AI can enhance the rigor and scope of inquiry, enabling new avenues for innovation. However, critics raise pressing concerns about the “black box” nature of many AI algorithms—systems that produce results without offering clear explanations for how conclusions were reached. This opacity challenges transparency, a core principle of the scientific method. Additionally, ethical questions persist regarding bias in datasets and the unequal access to high-performance computing resources, which may deepen global disparities in research capability. While the technology’s potential is vast, so too are the responsibilities that come with its implementation.

13. What is the primary concern raised about the increasing use of AI in scientific research?

- A. It may slow down traditional discovery methods.
- B. It could reduce transparency due to the opaque nature of algorithms.
- C. It might fully replace the need for human scientists.
- D. It prevents interdisciplinary collaboration in laboratories.

Answer: B

Hint: The “black box” concern highlights transparency as a key issue.

14. According to the passage, how is AI most commonly portrayed by its advocates?

- A. As a disruptive force that should be restrained.
- B. As a cost-cutting alternative to researchers.
- C. As a tool that enhances scientific inquiry when used thoughtfully.
- D. As an ethical challenge that defies regulation.

Answer: C

Hint: Advocates promote “thoughtful integration” guided by ethics.

15. Which of the following is NOT identified as a potential drawback of AI in research?

- A. Ethical ambiguity in accountability
- B. Inaccessibility in low-resource settings
- C. Inability to generate original hypotheses
- D. Lack of transparency in algorithmic decisions

Answer: C

Hint: The passage notes AI’s strength in generating hypotheses, not a weakness.

16. The phrase “black boxes” in the passage most nearly refers to:

- A. Devices that record data in AI systems.
- B. Scientific labs using outdated technology.
- C. Algorithms whose internal processes are difficult to understand.
- D. Tools used to interpret data in restricted environments.

Answer: C

Hint: “Black boxes” refer to systems whose processes are hidden or opaque.

17. What overall tone does the author adopt toward AI in research?

- A. Alarmist and oppositional
- B. Balanced and cautiously optimistic
- C. Sarcastic and dismissive
- D. Ambiguous and indifferent

Answer: B

Hint: The author acknowledges pros and cons but ends on a hopeful note.

Instructions (Q.18 to Q.20): Arrange the given sentences in a logical and coherent order to form a meaningful paragraph.

(KPIT)

18.

- A. Many educational theorists advocate for a reimagining of traditional classrooms.
- B. Such models promote critical thinking, creativity, and lifelong learning.
- C. The standard model, rooted in rote learning and standardized testing, often fails to prepare students for real-world complexity.
- D. This has led to the rise of inquiry-based, student-centered pedagogical approaches.

- A. CADB
- B. ADBC
- C. CBAD
- D. ACDB

Answer: C

Hint: Start with the problem (C), then the solution (B and A), ending with impact (D).

19.

- A. The economic downturn has exposed underlying vulnerabilities in global supply chains.
- B. As nations scramble for resilience, a shift toward regional sourcing and strategic reserves is emerging.
- C. Centralized production and just-in-time inventory models are being reconsidered.
- D. The pandemic served as a catalyst for these revelations, highlighting overdependence on foreign manufacturing.

- A. DACB
- B. ACBD
- C. ABCD
- D. CBAD

Answer: A

Hint: The pandemic triggered the insight (D), which led to the realization (A), followed by response (C, B).

20.

- A. Digital fatigue has become a common complaint among remote workers.
- B. This phenomenon results from prolonged exposure to screens and lack of social interaction.
- C. Companies are exploring hybrid models to balance flexibility with in-person engagement.
- D. Experts recommend establishing boundaries between work and personal life to mitigate burnout.

- A. ABDC
- B. BACD
- C. ACBD
- D. DABC

Answer: A

Hint: A introduces the issue, B explains it, D gives a solution, C shows implementation.