Question Paper - Questions #10 from all files

1. Read the following passage carefully and answer Question No. 28:  
Rajiv noticed that his friendships shifted as his speech did. In the hostel he learned to flatten vowels and sharpen consonants until they matched the cadences of the city; with that came invitations to study groups and internships he had previously only heard about. He was not deceived into thinking that pronunciation alone conferred competence, but he also could not deny that a new pronunciation unlocked old locks. He wondered whether he had gained access or merely changed the shape of the key. When he called home, his mother asked, gently, why he sounded like a stranger. Later, during a mock interview, he caught himself trimming a story about his village to fit a metropolitan appetite and felt a small betrayal stir. He began to keep two registers of speech and two ledgers of debt: one to opportunity, the other to origin. The question that remained, stubborn as a stone in a shoe, was whether the road ahead required that he walk with a limp.  
The metaphor of “unlocked old locks” suggests that Rajiv’s altered speech  
(A) exposed him to new biases against him  
(B) granted entry to existing networks  
(C) diminished his technical abilities  
(D) removed all barriers to success

2. Read the following passage carefully and answer Question No. 29:  
Rajiv noticed that his friendships shifted as his speech did. In the hostel he learned to flatten vowels and sharpen consonants until they matched the cadences of the city; with that came invitations to study groups and internships he had previously only heard about. He was not deceived into thinking that pronunciation alone conferred competence, but he also could not deny that a new pronunciation unlocked old locks. He wondered whether he had gained access or merely changed the shape of the key. When he called home, his mother asked, gently, why he sounded like a stranger. Later, during a mock interview, he caught himself trimming a story about his village to fit a metropolitan appetite and felt a small betrayal stir. He began to keep two registers of speech and two ledgers of debt: one to opportunity, the other to origin. The question that remained, stubborn as a stone in a shoe, was whether the road ahead required that he walk with a limp.  
Rajiv’s question about “the shape of the key” reflects uncertainty about whether his progress was due to  
(A) improved competence or accommodated identity  
(B) lower academic standards  
(C) reduced competition in the hostel  
(D) family pressure to conform

3. Read the following passage carefully and answer Question No. 30:  
Rajiv noticed that his friendships shifted as his speech did. In the hostel he learned to flatten vowels and sharpen consonants until they matched the cadences of the city; with that came invitations to study groups and internships he had previously only heard about. He was not deceived into thinking that pronunciation alone conferred competence, but he also could not deny that a new pronunciation unlocked old locks. He wondered whether he had gained access or merely changed the shape of the key. When he called home, his mother asked, gently, why he sounded like a stranger. Later, during a mock interview, he caught himself trimming a story about his village to fit a metropolitan appetite and felt a small betrayal stir. He began to keep two registers of speech and two ledgers of debt: one to opportunity, the other to origin. The question that remained, stubborn as a stone in a shoe, was whether the road ahead required that he walk with a limp.  
The mother’s remark primarily highlights  
(A) pride in her son’s adaptability  
(B) concern over cultural and linguistic distance  
(C) disapproval of higher education  
(D) misunderstanding of his academic field

4. Read the following passage carefully and answer Question Nos. 28, 29 and 30:  
The final frontier for platformized home services may be integration: not just booking a one-off task but choreographing a household’s recurring needs with predictive cadence. Imagine a dashboard that knows the AC’s service cycle, the RO filter’s lifespan, the preferred stylist’s monthly slot, and the elder-care nurse’s vitals schedule, and then negotiates these with school exams, religious observances, and salary credit dates. The technology exists in fragments; the challenge is consent and control. Who sees which data? Can a teenager opt out of reminders? Does the system nudge a reschedule when a landslide closes the usual approach road? Integration without autonomy becomes surveillance; autonomy without integration becomes noise.  
A second challenge is equity. If premium subscribers receive priority during peak seasons, do non-premium users face systematic delays? If so, the platform risks reproducing offline inequities in a digital wrapper. The antidote is transparency: clear communication of tiers, fair access windows, and emergency overrides that elevate vulnerability over wallet size. In a decade, the winners will be those who make a household feel less like a market and more like a partnership—where convenience is the welcome, professionalism the meal, and respect the aftertaste.  
The author warns that predictive integration must balance  
(A) speed over privacy  
(B) integration with user autonomy and consent  
(C) dashboards over provider discretion  
(D) nudges over local conditions

5. Read the following passage carefully and answer Question Nos. 28, 29 and 30:  
The final frontier for platformized home services may be integration: not just booking a one-off task but choreographing a household’s recurring needs with predictive cadence. Imagine a dashboard that knows the AC’s service cycle, the RO filter’s lifespan, the preferred stylist’s monthly slot, and the elder-care nurse’s vitals schedule, and then negotiates these with school exams, religious observances, and salary credit dates. The technology exists in fragments; the challenge is consent and control. Who sees which data? Can a teenager opt out of reminders? Does the system nudge a reschedule when a landslide closes the usual approach road? Integration without autonomy becomes surveillance; autonomy without integration becomes noise.  
A second challenge is equity. If premium subscribers receive priority during peak seasons, do non-premium users face systematic delays? If so, the platform risks reproducing offline inequities in a digital wrapper. The antidote is transparency: clear communication of tiers, fair access windows, and emergency overrides that elevate vulnerability over wallet size. In a decade, the winners will be those who make a household feel less like a market and more like a partnership—where convenience is the welcome, professionalism the meal, and respect the aftertaste.  
The equity concern raised is that premium tiers may  
(A) shorten delays for all users  
(B) create systematic delays for non-premium users  
(C) eliminate peak seasons entirely  
(D) reduce transparency about bookings

6. Read the following passage carefully and answer Question Nos. 28, 29 and 30:  
The final frontier for platformized home services may be integration: not just booking a one-off task but choreographing a household’s recurring needs with predictive cadence. Imagine a dashboard that knows the AC’s service cycle, the RO filter’s lifespan, the preferred stylist’s monthly slot, and the elder-care nurse’s vitals schedule, and then negotiates these with school exams, religious observances, and salary credit dates. The technology exists in fragments; the challenge is consent and control. Who sees which data? Can a teenager opt out of reminders? Does the system nudge a reschedule when a landslide closes the usual approach road? Integration without autonomy becomes surveillance; autonomy without integration becomes noise.  
A second challenge is equity. If premium subscribers receive priority during peak seasons, do non-premium users face systematic delays? If so, the platform risks reproducing offline inequities in a digital wrapper. The antidote is transparency: clear communication of tiers, fair access windows, and emergency overrides that elevate vulnerability over wallet size. In a decade, the winners will be those who make a household feel less like a market and more like a partnership—where convenience is the welcome, professionalism the meal, and respect the aftertaste.  
The metaphor about “welcome, meal, and aftertaste” implies that the most enduring differentiator is  
(A) convenience alone  
(B) professionalism alone  
(C) respect experienced across the service journey  
(D) discounts offered at checkout

7. Read the following passage carefully and answer Question No. 28:  
A science museum unveiled an exhibit on the cryosphere, inviting visitors to tilt a model Earth beneath a lamp and watch how reflective surfaces cool the planet compared to darker ones. Children delighted in the demonstration, but the curators’ notes threaded a harder truth: the albedo effect that makes ice a planetary parasol also makes its loss a warming accelerant. A panel contrasted two maps—one showing historical multi-year ice extent, the other a recent minimum—prompting conversations not just about physics but about memory: what generations consider “normal” contracts as baselines shift. The exhibit closed with a question rather than a verdict: if the future coastline will be drawn by choices made today, what stories will museums tell our grandchildren about how we measured, modeled, and decided?  
The albedo lesson in the exhibit illustrates that  
(A) ice reflects sunlight and helps cool the planet  
(B) darker surfaces increase reflection  
(C) albedo has no effect on temperature  
(D) melting ice decreases absorbed sunlight

8. Read the following passage carefully and answer Question No. 29:  
A science museum unveiled an exhibit on the cryosphere, inviting visitors to tilt a model Earth beneath a lamp and watch how reflective surfaces cool the planet compared to darker ones. Children delighted in the demonstration, but the curators’ notes threaded a harder truth: the albedo effect that makes ice a planetary parasol also makes its loss a warming accelerant. A panel contrasted two maps—one showing historical multi-year ice extent, the other a recent minimum—prompting conversations not just about physics but about memory: what generations consider “normal” contracts as baselines shift. The exhibit closed with a question rather than a verdict: if the future coastline will be drawn by choices made today, what stories will museums tell our grandchildren about how we measured, modeled, and decided?  
The juxtaposition of historical and recent maps aims to highlight  
(A) the stability of multi-year ice  
(B) shifting baselines that alter perceptions of “normal”  
(C) the irrelevance of observation to public memory  
(D) the superiority of models over measurements

9. Read the following passage carefully and answer Question No. 30:  
A science museum unveiled an exhibit on the cryosphere, inviting visitors to tilt a model Earth beneath a lamp and watch how reflective surfaces cool the planet compared to darker ones. Children delighted in the demonstration, but the curators’ notes threaded a harder truth: the albedo effect that makes ice a planetary parasol also makes its loss a warming accelerant. A panel contrasted two maps—one showing historical multi-year ice extent, the other a recent minimum—prompting conversations not just about physics but about memory: what generations consider “normal” contracts as baselines shift. The exhibit closed with a question rather than a verdict: if the future coastline will be drawn by choices made today, what stories will museums tell our grandchildren about how we measured, modeled, and decided?  
The final question of the exhibit primarily calls attention to  
(A) the inevitability of future coastlines  
(B) the role of present decisions in shaping outcomes and narratives  
(C) museums’ inability to communicate science  
(D) the sufficiency of demonstrations without policy action

10. Read the following passage carefully and answer Question Nos. 28, 29 and 30:  
Across Mizoram and southern Assam, a new cartography of landslide risk has replaced tourist brochures in the public imagination. What earlier was a monsoon inconvenience is now a season-long negotiation: school calendars written in pencil, supply chains that budget for detours, and a citizen’s weather app that has acquired the intimacy of a family member. In villages perched on knife-edge ridges, the difference between a near miss and a headline is sometimes a roadside drain cleared on a Tuesday. The question hanging over every project file is not whether to build, but how to build and maintain in a world where yesterday’s slope is not today’s. Resilience here is not an abstraction; it is a shovel, a schedule, and a stubbornness that keeps the road open one more day.  
The grammar of prevention, locals say, is mostly verbs: to clear, to anchor, to revegetate, to inspect. Sensors help, but their sentences still need subjects—people who read their warnings and move stones before stones move people. Insurance, where available, prices risk as if roads were numbers and not lifelines; yet shopkeepers know that a fortnight’s closure can unravel a season’s profit. In the end, the best technology is attention paid on time. The best innovation is continuity of care for things that look inert until they slide.  
The central idea of the passage is that landslide risk  
(A) has diminished due to improved tourism  
(B) requires continuous, mundane acts of maintenance for resilience  
(C) is purely a matter of installing sensors  
(D) can be solved by cancelling the monsoon school term

11. Read the following passage carefully and answer Question Nos. 28, 29 and 30:  
Across Mizoram and southern Assam, a new cartography of landslide risk has replaced tourist brochures in the public imagination. What earlier was a monsoon inconvenience is now a season-long negotiation: school calendars written in pencil, supply chains that budget for detours, and a citizen’s weather app that has acquired the intimacy of a family member. In villages perched on knife-edge ridges, the difference between a near miss and a headline is sometimes a roadside drain cleared on a Tuesday. The question hanging over every project file is not whether to build, but how to build and maintain in a world where yesterday’s slope is not today’s. Resilience here is not an abstraction; it is a shovel, a schedule, and a stubbornness that keeps the road open one more day.  
The grammar of prevention, locals say, is mostly verbs: to clear, to anchor, to revegetate, to inspect. Sensors help, but their sentences still need subjects—people who read their warnings and move stones before stones move people. Insurance, where available, prices risk as if roads were numbers and not lifelines; yet shopkeepers know that a fortnight’s closure can unravel a season’s profit. In the end, the best technology is attention paid on time. The best innovation is continuity of care for things that look inert until they slide.  
The sentence “yesterday’s slope is not today’s” underscores  
(A) geological stability over time  
(B) dynamic slope conditions demanding adaptive management  
(C) the success of one-time engineering fixes  
(D) overreliance on tourist maps

12. Read the following passage carefully and answer Question Nos. 28, 29 and 30:  
Across Mizoram and southern Assam, a new cartography of landslide risk has replaced tourist brochures in the public imagination. What earlier was a monsoon inconvenience is now a season-long negotiation: school calendars written in pencil, supply chains that budget for detours, and a citizen’s weather app that has acquired the intimacy of a family member. In villages perched on knife-edge ridges, the difference between a near miss and a headline is sometimes a roadside drain cleared on a Tuesday. The question hanging over every project file is not whether to build, but how to build and maintain in a world where yesterday’s slope is not today’s. Resilience here is not an abstraction; it is a shovel, a schedule, and a stubbornness that keeps the road open one more day.  
The grammar of prevention, locals say, is mostly verbs: to clear, to anchor, to revegetate, to inspect. Sensors help, but their sentences still need subjects—people who read their warnings and move stones before stones move people. Insurance, where available, prices risk as if roads were numbers and not lifelines; yet shopkeepers know that a fortnight’s closure can unravel a season’s profit. In the end, the best technology is attention paid on time. The best innovation is continuity of care for things that look inert until they slide.  
The phrase “a citizen’s weather app… intimacy of a family member” suggests that people  
(A) ignore weather updates during monsoon  
(B) have integrated real-time risk information into daily life  
(C) distrust forecasts entirely  
(D) rely solely on official advisories without local judgment

13. "The proof of the pudding is in the eating" means  
(A) dishes made from pudding are always tastier  
(B) the true value of something can only be judged by practical use  
(C) appearances always reveal reality  
(D) theory is more important than practice

14. A child imitating the teacher’s speech in class but using informal language at home demonstrates  
(A) linguistic confusion  
(B) the concept of domain-specific language use  
(C) inability to differentiate registers  
(D) absence of sociolinguistic awareness

15. Effective communication in a team requires  
(A) withholding information for personal advantage  
(B) encouraging openness and collaborative dialogue  
(C) avoiding eye contact during discussions  
(D) permitting only one person to express opinions

16. A key outcome of mentoring and facilitation is  
(A) discouraging autonomy of the mentee  
(B) fostering growth, reflection, and skill development  
(C) restraining innovation and originality  
(D) widening the gap between expectations and achievements

17. Avoiding the willingness to learn from others typically results in  
(A) alienation and reduced cooperation  
(B) enhancement of trust and unity  
(C) better conflict mitigation  
(D) richer perspectives in dialogue

18. To manipulate someone subtly for one’s own advantage is to  
(A) coerce  
(B) maneuver  
(C) advise  
(D) liberate

19. While presenting an action plan to recover from a loss, you should not  
(A) outline pragmatic steps to move forward  
(B) highlight possible risks honestly  
(C) resort to blame-shifting and negativity  
(D) explain the rationale behind proposed steps

20. In a multicultural classroom, learners bringing diverse linguistic repertoires may  
(A) enrich the learning process with multiple perspectives  
(B) always obstruct knowledge sharing  
(C) create uniformity in language use  
(D) eliminate opportunities for collaboration

21. Raising one’s eyebrows in a multicultural environment  
(A) can express surprise in most but flirtation in others  
(B) always signals hostility  
(C) conveys only confusion universally  
(D) means the same across all populations

22. The violation of personal space in communication may  
(A) cause anxiety, resistance, or discomfort depending on cultural norms  
(B) universally be welcomed as intimacy  
(C) guarantee the same interpretation worldwide  
(D) never affect the quality of interaction

23. A deficiency in emotional intelligence may lead to  
(A) conflicts in interpersonal relationships  
(B) stronger collaboration and trust  
(C) enhanced adaptability in teams  
(D) deeper empathetic bonds

24. A storm in a teacup is  
(A) a trivial matter blown out of proportion  
(B) a natural disaster of great magnitude  
(C) an insignificant dispute quickly resolved  
(D) a universal conflict with serious outcome

25. Coordination in group settings is achieved by  
(A) aligning efforts towards a shared objective  
(B) undermining team members  
(C) prioritizing only individual results  
(D) deliberately withholding progress information

26. Recognizing the impossibility of flawless performance often leads to  
(A) increased self-acceptance and growth  
(B) higher levels of relentless pressure  
(C) permanent procrastination  
(D) deeper insecurity

27. A secure sense of self-worth is reflected in  
(A) comparing oneself endlessly to others  
(B) finding balance between reality and aspiration  
(C) fear of personal expression  
(D) seeking perfection at all costs

28. Find the remainder when 2^2025 + 3^2026 is divided by 7.  
(A) 0  
(B) 1  
(C) 2  
(D) 3

29. A salary is increased by 10% and then by 15%. By what percentage should the resulting salary be reduced to get back to the original salary?  
(A) 20%  
(B) 21.5%  
(C) 22.5%  
(D) 23.5%

30. Solve for t ≥ 0: √(t + 5) + √(t − 4) = 7.  
(A) t = 10  
(B) t = 12  
(C) t = 13  
(D) t = 15

31. A sphere’s radius is over-measured by r%. Which option gives the percentage error in its surface area, accurate up to second-order terms?  
(A) 2r  
(B) 2r + (r^2/100)  
(C) 4r  
(D) r + (r^2/100)

32. A rectangle has area numerically equal to its perimeter in metres, and its sides are integers with length ≥ breadth. A square of equal area is constructed. Which could be the perimeter of the square?  
(A) 64 m  
(B) 68 m  
(C) 72 m  
(D) 76 m

33. A ladder stands on a slope that rises uniformly at 1 vertical to 4 horizontal away from the wall. If the ladder length is 65 m and it touches the wall at height 60 m, the horizontal distance from the wall to the foot measured along level ground is  
(A) 11 m  
(B) 12 m  
(C) 13 m  
(D) 15 m

34. The table shows the marks obtained by 100 students in mathematics:  
Marks Number of students  
Less than 20 8  
Less than 40 23  
Less than 60 45  
Less than 80 72  
Less than 100 91  
Less than 120 100  
How many students scored 40 or more but less than 100 marks?  
(A) 49  
(B) 68  
(C) 77  
(D) 83

35. Logistics company annual costs (in lakh rupees):  
Year Driver Salaries Fuel Performance Bonus Vehicle Maintenance Technology  
2020 650 380 19.50 185.4 125  
2021 720 420 21.60 210.8 140  
2022 695 395 20.85 198.6 132  
2023 780 460 23.40 235.2 155  
2024 825 485 24.75 248.9 165  
The total performance bonus paid is approximately what percent of total technology expenses?  
(A) 15.8%  
(B) 16.2%  
(C) 16.6%  
(D) 17.0%

36. The marked price of an item is Rs. 2,000. Successive discounts of 20% and 10% are offered. What is the final selling price?  
(A) Rs. 1,440  
(B) Rs. 1,500  
(C) Rs. 1,600  
(D) Rs. 1,420

37. The HCF of two numbers is 16 and their LCM is 240. If one number is 48, which of the following statements about the other number is false?  
(A) It is divisible by 16  
(B) It is less than 100  
(C) It is a multiple of 5  
(D) It is greater than 75

38. A civil services preliminary exam has 100 questions with +2 marks for correct answers and -0.67 marks (rounded to 2 decimal places) for wrong answers. If a candidate needs 120 marks to qualify and answers 75 questions correctly with 15 wrong answers, by how many marks does she exceed or fall short of the qualifying score?  
(A) Exceeds by 10 marks  
(B) Falls short by 10 marks  
(C) Exactly qualifies  
(D) Exceeds by 20 marks

39. For A(1, 3), B(5, 7), C(9, 3), and D(5, −1), the diagonals AC and BD are  
(A) equal and perpendicular  
(B) equal but not perpendicular  
(C) perpendicular but not equal  
(D) neither equal nor perpendicular

40. If x + 1/x = m (m ≠ ±2) and y = x − 1/x, then evaluate (y^4 + 4)/(y^2 + 2) in terms of m.  
(A) m^2  
(B) m^2 − 2  
(C) m^2 + 2  
(D) m^2 − 4

41. Environmental Foundation Budget  
Fund Sources: Corporate Donations 44%, Government Grants 26%, Individual Donors 22%, Events 8%  
Program Allocation: Conservation 42%, Research 28%, Education 20%, Administration 10%  
If education programs must be funded entirely by individual donors, what percentage of individual donor contributions covers education? (Total budget: ₹11 crores)  
(A) 90.9%  
(B) 95.5%  
(C) 87.3%  
(D) 100%

42. In a field note, “Some migrating birds are banded. No banded animal in this study is a mammal.” Which conclusion is certain?  
(A) Some migrating birds in this study are not mammals.  
(B) No migrating bird is an animal.  
(C) All animals in the study are birds.  
(D) Some mammals are banded.

43. Cases 1, 2, 3 (two slots each) hold books: Hamlet, Othello, Macbeth, Lear, Tempest, Caesar. Caesar is in 2. Lear is with Tempest. Macbeth is not in 1. The case adjacent to Othello’s case contains Hamlet. Hamlet is not in 3. Which case must contain Othello?  
(A) Case 1  
(B) Case 2  
(C) Case 3  
(D) All are already full

44. “The school’s decision to shift to need-based scholarships was justified to improve equity.” Which assumption is not required?  
(A) Need-based aid targets students with fewer financial resources.  
(B) The school controls how scholarships are allocated.  
(C) Merit-based awards never promote equity.  
(D) Equity is a legitimate goal for scholarship policy.

45. Academic Course Enrollment  
Course Faculty Semester Students Fees (₹)  
Physics Science 3 45 15000  
History Arts 2 60 12000  
Math Science 1 75 18000  
English Arts 4 50 10000  
Chemistry Science 2 40 16000  
If arranged by faculty (alphabetical), then by semester (ascending), what is the combined student count for courses in 2nd and 5th positions?  
(A) 115  
(B) 120  
(C) 105  
(D) 135

46. Policy: “Should the country impose a carbon border adjustment on imported goods?” Weakest argument:  
(A) Yes; it discourages offshoring to lax jurisdictions and reduces carbon leakage.  
(B) No; measurement challenges and trade retaliation risks require careful pacing.  
(C) Yes; aligning domestic and imported carbon costs levels the competitive field.  
(D) No; climate change is natural, so pricing imports won’t matter.

47. On Halcyon, corpus shows:  
 “ari-mun” = sweet milk  
 “ari-zen” = sweet tea  
 “kol-mun” = sour milk  
Which could mean sour tea?  
(A) kol-zen  
(B) zen-kol  
(C) ari-kol  
(D) mun-zen

48. “A spanning tree of a connected graph cannot exist without”  
(A) cycle; chord  
(B) root; height  
(C) connectivity; vertices  
(D) degree; diameter

49. Four associations—silk market (Sualkuchi), rainforests (Namdapha), oil rigs (Digboi), river islands (Majuli)—to Farah, Gogo, Heera, Irfan. Farah studies hydro-dynamics of islands, Gogo is a drilling engineer, Heera avoids fauna, Irfan works in sericulture. Who is linked to rainforests?  
(A) Farah  
(B) Gogo  
(C) Heera  
(D) Irfan

50. All Theorems are Statements. No Contradictions are Theorems. Some Statements are Conjectures. Which must be true?  
(A) Some Statements are not Contradictions.  
(B) All Conjectures are Theorems.  
(C) Some Contradictions are Statements.  
(D) No Statements are Contradictions.

51. A says, “I am a knave and B is a knight.” B says, “A is a knave.”  
(A) A knight, B knight  
(B) A knave, B knight  
(C) A knight, B knave  
(D) A knave, B knave

52. In a survey, 7/12 prefer tea, 5/12 prefer coffee, 1/3 prefer juice, and 3/4 prefer snacks; preferences can overlap. Which must be true?  
(A) Some snack-preferrers also prefer tea.  
(B) No juice-preferrer prefers tea.  
(C) Exactly 1/12 prefer both coffee and juice.  
(D) All tea-preferrers prefer snacks.

53. Among 220 students, 140 passed Maths, 120 passed Physics, and 110 passed Chemistry. If 70 passed both Maths and Physics, 60 both Physics and Chemistry, 65 both Maths and Chemistry, and 40 passed all three, how many passed exactly two subjects?  
(A) 95  
(B) 105  
(C) 115  
(D) 125

54. What replaces the blank box with a question mark in it?  
[♦ ♢] [♢ ♦] [♦ ♢]  
[♢ ♦] [♦ ♢] [♢ ♦]  
[???] [♢ ♢] [♦ ♦]  
(A) ♦ ♢  
(B) ♢ ♦  
(C) ♦ ♦  
(D) ♢ ♢

55. As a transportation safety inspector, multiple anonymous reports suggest that a commercial vehicle operator is falsifying safety logs, operating beyond legal driving hours, and potentially compromising road safety. The reports come from competing companies. What would you do?  
(A) Dismiss the reports due to potential competitive bias  
(B) Conduct unannounced inspections, verify logs against electronic monitoring systems, and investigate thoroughly  
(C) Notify the operator about the complaints and schedule a routine inspection  
(D) Only act if there's an actual accident or incident

56. You are managing a data migration project when testing reveals that 30% of legacy data is corrupted and cannot be automatically converted. Manual data cleaning would triple the project timeline and budget. The client needs the system operational immediately. In this situation, you would:  
(A) Migrate clean data only and inform client about data losses after go-live  
(B) Present client with comprehensive options including partial migration, phased approach, and data recovery strategies with honest timeline and cost implications  
(C) Recommend switching to a different system that can handle corrupted data  
(D) Deploy the system with corrupted data and fix issues as they arise

57. Forecasted dust storm plus existing emissions will push AQI to “severe+” for 48 hours. What should be done immediately?  
(A) Issue general advisories only  
(B) Activate emergency measures: halt construction/stone crushing, restrict truck entry, enforce odd–even for private cars, intensify road wetting, and open clean-air centers  
(C) Declare a pollution holiday for offices without other measures  
(D) Start planting shelterbelts outside the city

58. A burn victim arrives with >30% burns; bystanders say it was a workplace accident. The nearest burn center is 20 km away. What should reception initiate?  
(A) Register and arrange transfer first; no interventions here  
(B) Activate burn protocol: immediate ABCs, fluids, pain control, initial dressings, MLC initiation, notify burn center, then arrange monitored transfer when stable  
(C) Wait for employer consent  
(D) Call media for awareness and donations

59. In foreign language class, a student challenges an exception to a grammar rule that you can’t justify immediately. What will you do?  
(A) Say “because rules are rules”  
(B) Mark the exception, compare corpora/examples in the next class, and share reputable references or native-usage data  
(C) Penalize the student for nitpicking  
(D) Shift the topic without acknowledgment

60. After selling a phone online, a buyer insists on paying via a QR code he sends on WhatsApp and asks you to “scan to receive money.” What will you do?  
(A) Scan and enter UPI PIN to collect the payment  
(B) Ask for a bank transfer screenshot as proof  
(C) Refuse QRinitiated “receive” scams; request verified pullpayment (request money) or standard bank transfer and report the account if pressured  
(D) Share only your UPI ID and proceed with the QR

61. Your aviation maintenance logbook is signed off without mandated torque/pressure checks on a critical component. What will you do?  
(A) File the logbook to meet flight schedule  
(B) Commend the engineer for experience-based judgment  
(C) Demand full checks and ground the aircraft until complete  
(D) File the sign-off, then alert the aviation regulator’s safety cell with logs

62. You’re charged for overweight after multiple reminders on booking emails. The agent provides a printed policy summary and a QR code for payment; the agent communicates via a combination of gestures and printed slips. What will you do?  
(A) Create a scene to pressure a waiver  
(B) Acknowledge the policy, complete payment, and ask for a receipt; send any pricing feedback through official customer-care channels  
(C) Demand the agent be replaced due to disability  
(D) Leave the counter to look for a more lenient staff member

63. Midproject, scope expands to include underground utilities mapping.  
(i) Replan with a change-control process and timeboxed discovery spike  
(ii) Keep original date; compress testing to fit added scope  
(iii) Hybrid staffing: enable vetted remote experts for utility models  
(iv) Disable code reviews to accelerate merges  
(A) (i) and (iii)  
(B) (ii) and (iv)  
(C) (i) and (ii)  
(D) Only (iii)

64. Role: District Education Officer under SDM’s command. Aftershocks continue; media asks about school reopening. What will you do?  
(A) State objective criteria (structural safety clearance, DM authority nod, alternate sites), phased reopening plan, and parent communication schedule  
(B) Announce immediate reopening to project normalcy  
(C) Close schools indefinitely without criteria  
(D) Ask media to stop alarming parents

65. Role: Portfolio Lead, National Skilling Mission. Partners are split on competency framework vs. rapid placement pilots first. What will you do?  
(A) Dictate the immediate focus area  
(B) Gather inputs across state partners and industry, evaluate evidence for outcomes, and approve the most compelling team proposal  
(C) Allow a partner vote to pick a direction  
(D) Review apex policy notes and global exemplars, choose the sequence that maximizes impact, and onboard the team to the plan

66. Role: Subdivisional Magistrate coordinating departments. A month-long “Generics First” campaign is planned. What will you do?  
(A) Only inaugurate the campaign publicly  
(B) Focus only on social media posts  
(C) Integrate actions: ward sabhas/meetings, multilingual pamphlets with INN–brand mappings, and a social media calendar; set targets, monitor weekly uptake  
(D) Ask hospitals to act on their own without coordination

67. You accepted a later flight and compensation. On reaching the gate, the seat is no longer available due to “system error.” What will you do?  
(A) Yell at the nearest uniformed person  
(B) Ask for the duty manager, present the documented commitment, and request priority reaccommodation with written guarantees and amenities  
(C) Abandon travel altogether  
(D) Demand the airline pay for an unrelated luxury hotel for a week

68. Statements:  
All philosophers are thinkers.  
Some thinkers are skeptics.  
No skeptic is dogmatic.  
Conclusions:  
(i) Some thinkers are not dogmatic.  
(ii) Some philosophers are not dogmatic.  
(iii) No philosopher is dogmatic.  
(A) Only (i) and (ii)  
(B) Only (ii)  
(C) Only (iii)  
(D) All of the above

69. The following Venn diagram shows, out of 280 students, participation in Drama, Music, and Dance clubs. What is the number of students who participate in Music or Dance but not Drama?  
In a three-circle Venn diagram with:  
 Drama only: 55  
 Music only: 45  
 Dance only: 38  
 Drama and Music only: 24  
 Music and Dance only: 32  
 Drama and Dance only: 28  
 All three: 18  
(A) 115  
(B) 127  
(C) 135  
(D) 122

70. Pointing to a man, Deepak says, "He is the son of my sister's husband's brother." How is Deepak related to the man?  
(A) Uncle  
(B) Father  
(C) Cousin  
(D) Brother-in-law

71. A cube with side 12 cm is painted on all faces and cut into smaller cubes of side 2 cm each. How many smaller cubes will have exactly 1 face painted?  
(A) 96  
(B) 108  
(C) 120  
(D) 132

72. In a conference of 400 attendees, 65% are from the private sector. How many private sector attendees must leave to make this percentage 60%?  
(A) 40  
(B) 50  
(C) 60  
(D) 80

73. What belongs in the missing position?  
P3 R9 T27  
V81 Z729  
B2187 D6561 F19683  
(A) X243  
(B) Y300  
(C) X270  
(D) W200

74. Complete the sequence:  
| P | L | G | A | \_ |  
(A) T  
(B) U  
(C) V  
(D) W

75. What is the next number in this pattern?  
2, 8, 4, 16, 14, 56, 54, 216, ?  
(A) 214  
(B) 212  
(C) 210  
(D) 208

76. 8142, 5376, 6205, 4938, 7614  
(A) 8142  
(B) 5376  
(C) 6205  
(D) 4938

77. Statement: The average delivery time of the postal service has shortened in the last quarter.  
Conclusions:  
(i) Sorting and logistics efficiency has increased.  
(ii) Customers are placing fewer deliveries.  
(A) Only (i) follows  
(B) Only (ii) follows  
(C) Both (i) and (ii) follow  
(D) Neither (i) nor (ii) follows

78. Consider these statements about acceleration-time graphs for motorcycles W and Z:  
(i) Motorcycle W has constant acceleration.  
(ii) Motorcycle Z shows decreasing acceleration.  
(iii) Motorcycle W accelerates at 4 m/s² initially.  
(iv) Motorcycle Z reaches zero acceleration at t = 6s.  
(A) Only (i)  
(B) (i) and (ii)  
(C) (i), (ii) and (iv)  
(D) (i), (ii), (iii) and (iv)

79. The diagram represents internet users in West Bengal. Left shows urban users, right shows rural users. Further subdivided into broadband and mobile internet users. Which option correctly shows that rural broadband users form 12% of total internet users?  
(A) Left box (60%): Upper 70%, Lower 30% | Right box (40%): Upper 30%, Lower 70%  
(B) Left box (55%): Upper 75%, Lower 25% | Right box (45%): Upper 27%, Lower 73%  
(C) Left box (65%): Upper 65%, Lower 35% | Right box (35%): Upper 34%, Lower 66%  
(D) Left box (50%): Upper 80%, Lower 20% | Right box (50%): Upper 24%, Lower 76%

80. Statement: No counterfeit note passes the new scanner. Some notes that passed the scanner were deposited today.  
Conclusions:  
(i) Some deposited notes today were not counterfeit.  
(ii) All notes deposited today were genuine.  
(A) Only (i) follows  
(B) Only (ii) follows  
(C) Both (i) and (ii) follow  
(D) Neither (i) nor (ii) follows