Smart, Structured & Syllabus-Aligned Content

RICE EDUCATION



PYQs

BANKING EXAMS

IBPS Clerk Prelims 2025

Shift 1

PREVIOUS YEAR QUESTIONS

IBPS Clerk Prelims 2025 Memory Based Paper

4 October 2025 (1st Shift)

Quantitative Aptitude

Directions (1-5): The table shows the three languages (English, Hindi and Urdu) books sold by A and B.

Books	English	Hindi	Urdu
A	28	50	36
B	55	54	32

Q1. Find the number of English books sold by A and B together is what percentage of Hindi books sold by A.

(a) 166%
(b) 120%
(c) 66%
(d) 20%
(e) 100%

Answer: (a)

Explanation: Required percentage = ((28 + 55) / 50) × 100 = (83 / 50) × 100 = 166%.

Q2. If X sold 25% more English books than A, then find the difference between English books sold by X and Hindi books sold by B.

(a) 16
(b) 19
(c) 20
(d) 22
(e) 24

Answer: (b)

Explanation: English books sold by X = 125% of 28 = 35. Required difference = 54 - 35 = 19.

Q3. Find the ratio of Hindi books sold by B to Urdu books sold by A.

(a) 3:2
(b) 2:3
(c) 2:1
(d) 2:5
(e) 2:9

Answer: (a)

Explanation: Required ratio = 54 : 36 = 3 : 2.

Q4. Find the average number of books of three languages sold by B.

(a) 46
(b) 49
(c) 47
(d) 42
(e) 44

Answer: (c)

Explanation: Required average = (55 + 54 + 32) / 3 = 141 / 3 = 47.

Q5. Find the difference between total books sold by A and B.

(a) 16
(b) 32
(c) 20
(d) 27
(e) 18

Answer: (d)

Explanation: Total books sold by A = 28 + 50 + 36 = 114. Total books sold by B = 55 + 54 + 32 = 141. Difference = 141 - 114 = 27.

Directions (6-10): The line graph shows the number of people visiting four different malls: Mall A = 220, Mall B = 340, Mall C = 280, Mall D = 420.

Mall	Number of Visitors
A	220
B	340
C	280
D	420

Q6. Find the ratio of total people visiting A to total people visiting C.

(a) 11:14
(b) 12:13
(c) 14:11
(d) 12:5
(e) 12:19

Answer: (a)

Explanation: Required ratio = 220 : 280 = 11 : 14.

Q7. Find the average of total people visiting A, B and C.

(a) 280
(b) 300
(c) 260
(d) 290
(e) 310

Answer: (a)

Explanation: Required average = (220 + 340 + 280) / 3 = 840 / 3 = 280.

Q8. The people visiting B is what percentage of people visiting D?

(a) 180.96%
(b) 70.95%
(c) 80.95%
(d) 127.65%
(e) 118.77%

Answer: (c)

Explanation: Required percentage = (340 / 420) × 100 ≈ 80.95%.

Q9. The ratio of male to female visitors in C is 3:1, find the male visitors in C.

(a) 160
(b) 132
(c) 120
(d) 210
(e) 180

Answer: (d)

Explanation: Male visitors in C = (3 / (3 + 1)) × 280 = (3 / 4) × 280 = 210.

Q10. The ratio of people visiting mall D to mall E is 4:5. Find the difference between people visiting mall E and mall A.

(a) 316
(b) 325
(c) 320
(d) 277
(e) 305

Answer: (e)

Explanation: People visiting Mall E = (5 / 4) × 420 = 525. Difference = 525 - 220 = 305.

Directions (11-22): What should come in place of question mark (?) in the following questions?

Q11. 784 + 1297 - 613 = ?

(a) 1468
(b) 1342
(c) 1454
(d) 1086
(e) 1338

Answer: (a)

Explanation: 2081 - 613 = 1468.

Q12. ? = 225 ÷ 45 ÷ 5 × 75

(a) 25
(b) 75
(c) 50
(d) 15
(e) 90

Answer: (b)

Explanation: ? = (225 / 45 / 5) × 75 = (5 / 5) × 75 = 1 × 75 = 75.

Q13. 7^? = 343 ÷ 512 × 64 × 56 ÷ 49

(a) 1
(b) 3
(c) 5
(d) 4
(e) 2

Answer: (e)

Explanation: 7^? = (343 / 512) × 64 × (56 / 49) = (343 / 8) × (8 / 7) = 343 / 7 = 49 = 7^2. Hence, ? = 2.

Q14. (120 + 39) ÷ (12 - 6) = ?

(a) 21.5
(b) 26.5
(c) 21.5
(d) 23.5
(e) 22.5

Answer: (b)

Explanation: ? = 159 ÷ 6 = 26.5.

Q15. (3080 + 6160) ÷ ? = 330

(a) 26
(b) 22
(c) 28
(d) 29
(e) 18

Answer: (c)

Explanation: 9240 ÷ ? = 330 => ? = 9240 / 330 = 28.

Q16. 144 - (10800 ÷ 36) + ?^2 = 100

(a) 10
(b) 18
(c) 15
(d) 9
(e) 16

Answer: (e)

Explanation: 144 - 300 + ?^2 = 100 => -156 + ?^2 = 100 => ?^2 = 256 => ? = 16.

Q17. (4/5) of √1225 ÷ ((1/3) of 9) = ? + (1/3)

(a) 10
(b) 18
(c) 15
(d) 9
(e) 3

Answer: (d)

Explanation: (4/5) × 35 ÷ 3 = ? + 1/3 => 28/3 = ? + 1/3 => ? = 27/3 = 9.

Q18. (5/8) of 160% of ? = √225 × 4

(a) 70
(b) 80
(c) 60
(d) 40
(e) 50

Answer: (c)

Explanation: (5/8) × (1.6) × ? = 15 × 4 => 1 × ? = 60 => ? = 60.

Q19. 24 × ? = 225% of 2400

(a) 144
(b) 121
(c) 225
(d) 324
(e) 81

Answer: (c)

Explanation: 24 × ? = 2.25 × 2400 = 5400 => ? = 5400 / 24 = 225.

Q20. [(40)^2 × 8] ÷ 50 ÷ 16 = ?

(a) 3
(b) 9
(c) 16
(d) 12 (e) 15

Answer: (c)

Explanation: (1600 × 8) / (50 × 16) = 12800 / 800 = 16.

Q21. 65% of (1700 / 13) + 17^2 = ?

(a) 324
(b) 350
(c) 374
(d) 390
(e) 364

Answer: (c)

Explanation: 65% of 130 + 289 = 84.5 (or (65/100) × 130 = 85) + 289 = 374.

Q22. (35% of 40 × 10) + 29 = ?

(a) 144
(b) 169
(c) 225
(d) 81
(e) 25

Answer: (b)

Explanation: (14 × 10) + 29 = 140 + 29 = 169.

Arithmetic Word Problems

Q23. A vessel contains 56 liters of milk and water in the ratio of 4:3, respectively. If Y liters of water are added to the mixture, then the ratio of milk to water in the resultant mixture becomes 8:7, respectively. Find Y.

(a) 2
(b) 4
(c) 5
(d) 3
(e) 6

Answer: (b)

Explanation: Milk = 32 L, Water = 24 L. 32 / (24 + Y) = 8 / 7 => 28 = 24 + Y => Y = 4.

Q24. A started a business with an investment of Rs 2400, and after 3 months, B joined with an investment o
f Rs X. At the end of the year the profit share of A to B is 2:1, respectively. Find X.

(a) 1600
(b) 1200
(c) 1800
(d) 1500
(e) 1000

Answer: (a)

Explanation: (2400 × 12) / (X × 9) = 2 / 1 => 28800 / 9X = 2 => 18X = 28800 => X = 1600.

Q25. There are two positive integers, A and B, and the ratio of A to B is 3:2, respectively. If 16 is subtracted from A and added to B, then the final ratio of A to B is 19:26, respectively. Find the initial value of A.

(a) 42
(b) 48
(c) 56
(d) 40
(e) 54

Answer: (e)

Explanation: Let A = 3x, B = 2x. (3x - 16) / (2x + 16) = 19 / 26 => 78x - 416 = 38x + 304 => 40x = 720 => x = 18. Initial value of A = 3 × 18 = 54.

Q26. A man invested Rs 1600 in simple interest at X% p.a. for five years and received interest of Rs 840. If he invested the same amount in simple interest at (X+5)% p.a. for 3 years, then find the interest received (in Rs).

(a) 650
(b) 840
(c) 744
(d) 966
(e) 624

Answer: (c)

Explanation: 1600 × X × 5 / 100 = 840 => 80X = 840 => X = 10.5%. New rate = 15.5%. Interest = 1600 × 15.5 × 3 / 100 = 744.

Q27. The area of a right-angle triangle is 180 cm² and the height of the triangle is 24 cm. If the side of a square is 3 cm less than the base of the triangle, then find the area of the square (in cm²).

(a) 100
(b) 196
(c) 144
(d) 169
(e) 121

Answer: (c)

Explanation: (1/2) × Base × 24 = 180 => Base = 15 cm. Side of square = 15 - 3 = 12 cm. Area = 12^2 = 144 cm².

Q28. The ratio of the present ages of A to B is 9:5, respectively. If the ratio of A five years hence and B 5 years ago is 16:5, respectively, then find the sum of ages of A and B after 10 years (in years).

(a) 42
(b) 77
(c) 72
(d) 57
(e) 62

Answer: (e)

Explanation: Let ages be 9a and 5a. (9a + 5) / (5a - 5) = 16 / 5 => 45a + 25 = 80a - 80 => 35a = 105 => a = 3. Present ages: A = 27, B = 15. Ages after 10 years: 37 + 25 = 62 years.

Q29. A boat can cover 192 km downstream in 4 hours and 210 km upstream in 5 hours. If the speed of the boat in still water is decreased by 20%, then find the distance covered by the boat in still water in 3 hours.

(a) 102 km
(b) 120 km
(c) 110 km
(d) 108 km
(e) 116 km

Answer: (d)

Explanation: Downstream speed = 192/4 = 48 km/h. Upstream speed = 210/5 = 42 km/h. Still water speed = (48 + 42)/2 = 45 km/h. Decreased speed = 45 × 0.8 = 36 km/h. Distance in 3 hours = 36 × 3 = 108 km.

Q30. A person brought X chocolates to distribute equally among his 30 friends. However, 3 friends did not arrive, so the remaining friends each received 1 chocolate more than they would have if all 30 friends were present. Find the total number of chocolates, X.

(a) 300
(b) 270
(c) 240
(d) 210
(e) 180

Answer: (b)

Explanation: X / 27 - X / 30 = 1 => 3X / 810 = 1 => X / 270 = 1 => X = 270.

Q31. The number of adults and children together who visited a park on Sunday is 50. If the ticket price for each adult is Rs 30 and each child is Rs 20 and the total amount received by the park on Sunday is Rs 1350, then find the number of adults.

(a) 15
(b) 27
(c) 25
(d) 20
(e) 35

Answer: (e)

Explanation: Let adults be A and children be (50 - A). 30A + 20(50 - A) = 1350 => 10A + 1000 = 1350 => 10A = 350 => A = 35.

Q32. A shopkeeper marked article A is 25% above its cost price and allowed a 10% discount on it. The shopkeeper earned a profit on article A of Rs 75, and the cost price of article B is 40% more than that of article A. If he gets a 20% loss on article B, then find the selling price of article B (in Rs).

(a) 642
(b) 688
(c) 672
(d) 698
(e) 666

Answer: (c)

Explanation: Let CP of A = 100x. MP = 125x, SP = 125x × 0.9 = 112.5x. Profit = 12.5x = 75 => x = 6. CP of A = Rs 600. CP of B = 600 × 1.4 = Rs 840. SP of B (at 20% loss) = 840 × 0.8 = Rs 672.

Q33. A car travels from City A to City B at a speed of 60 km/h and returns from City B to City A at a speed of 90 km/h. Find the average speed of the car during the entire journey.

(a) 60 km/hr
(b) 78 km/hr
(c) 72 km/hr
(d) 66 km/hr
(e) 50 km/hr

Answer: (c)

Explanation: Average speed = (2 × 60 × 90) / (60 + 90) = 10800 / 150 = 72 km/hr.

Q34. A, B, and C together can complete a piece of work in 10 days, and B and C together can do the same work in 25 days. Find the time taken by A alone to complete the work (in days).

(a) 6.67
(b) 8.33
(c) 12.5
(d) 13.33
(e) 16.67

Answer: (e)

Explanation: Total work = 50 units. Efficiency of (A+B+C) = 5 units/day. Efficiency of (B+C) = 2 units/day. Efficiency of A = 3 units/day. Time taken by A = 50 / 3 = 16.67 days.

Q35. In a college, 40% of the students participated in science fair, 25% participated in sports, and the remaining participated in cultural events. If 315 students participated in cultural events, find the difference between the number of students who participated in science fair and sports.

(a) 125 (b) 135 (c) 130 (d) 120 (e) 115

Answer: (b)

Explanation: Cultural events % = 100 - (40 + 25) = 35%. 35% = 315 => 1% = 9. Total students = 900. Difference between science fair (40%) and sports (25%) = 15% = 15 × 9 = 135.

English Language

Directions (36-44): Read the following passage and answer the given questions.

In the world of armed forces, dogs play an extraordinary role that goes far beyond companionship. They serve as trackers, guards, messengers, and protectors, often working in harsh terrains and unpredictable missions. Military dogs are essential for detecting hidden explosives, tracking infiltrators, and alerting troops to potential threats. Their sharp instincts, unmatched loyalty, and rigorous preparation make them indispensable partners in critical operations. They are not just supporting figures; they are front-line defenders. Far from being fillers in military structures, these brave animals are sentinels, standing watch when danger lurks and acting with courage when every second counts.

Among these remarkable canines was Snowy, a spirited dog with a gleaming white coat that earned him his name. From the moment he arrived at the training center, his alert eyes and quick learning impressed everyone. Snowy was trained at a specialized military academy where he mastered complex commands, learned to detect explosives, and adapted to challenging terrains. He was conditioned to remain calm under pressure, respond to silent signals, and work seamlessly with his handler. His training was not merely about obedience; it was about building instincts, discipline, and trust.

Once Snowy joined the unit at a remote border post, he quickly became a beloved member of the team. Soldiers admired his energy, while his handler relied on his sharp senses during night patrols. One freezing night, the camp lay quiet under a pale moonlight. The soldiers were resting after a long day when Snowy's ears suddenly [BLANK] sensed movement near the perimeter. Without hesitation, he barked sharply and ran toward the fence, alerting the guards. His timely reaction allowed the soldiers to spot and intercept a group trying to cross the border secretly. Snowy's vigilance averted a potential threat, and that night, he truly embodied the role of a sentinel—watchful, fearless, and devoted.

Beyond his operational duties, Snowy shared a deep emotional bond with the soldiers. He sensed when someone was anxious, resting his head gently on their knees, as if offering silent comfort. He celebrated victories with wagging enthusiasm and stood quietly beside those who missed home. Snowy was more than a military dog; he was a loyal friend, a trusted partner, and a hero in his own right. His story reflects the invaluable role dogs play in safeguarding lives and supporting those who protect the nation.

Q36. Choose the correct synonym of the word 'trained' as highlighted in the passage:

(a) adapted (b) rehearsed (c) conditioned (d) informed (e) corrected

Answer: (c)

Explanation: 'Trained' refers to systematic preparation through repetition, which is best matched by 'conditioned'.

Q37. Choose the correct synonym of the word 'just' as highlighted in the passage:

(a) only (b) fair (c) upright (d) balanced (e) truthful

Answer: (a)

Explanation: In this context, 'just' means 'merely' or 'only', emphasizing that dogs are more than just supporting figures.

Q38. Which of the following statements best reflects the role of military dogs as described in the passage?

(a) Military dogs are used mostly for companionship and stress relief for soldiers.
(b) These dogs are generally involved in ceremonial roles and parade formations.
(c) Military dogs are essential field operatives with specialized skills for real-time threats.
(d) They are deployed occasionally in supportive roles but rarely during combat situations.
(e) Dogs are preferred mainly for their obedience and general discipline in camps.

Answer: (c)

Explanation: The passage emphasizes that military dogs are indispensable front-line defenders with specialized skills for tracking, explosive detection, and alerting troops.

Q39. Choose the most suitable word to fill the given blank in the passage ('Snowy's ears suddenly _____'):

(a) flattened down (b) tuned out (c) perked up (d) drooped slowly (e) looked away

Answer: (c)

Explanation: 'Perked up' means became alert or attentive suddenly, matching Snowy's reaction upon sensing movement.

Q40. Which of the following is NOT TRUE according to the passage?

(a) Snowy was recognized early on for his ability to adapt to silent cues.
(b) The soldiers trusted Snowy with night-time surveillance responsibilities.
(c) Snowy's training included emotional sensitivity training towards soldiers.
(d) Snowy demonstrated promptness in averting a potential border infiltration.
(e) Snowy played a meaningful role in both operational and emotional support capacities.

Answer: (c)

Explanation: Snowy's emotional sensitivity developed naturally through companionship and bonding, not as part of his formal military training.

Q41. Which of the following statements is correct as per the information in the passage?

(a) Dogs like Snowy operate under constant supervision due to their unpredictable behavior.
(b) Snowy's quick actions resulted in capturing multiple terrorists attempting a direct assault.
(c) Emotional bonds between military dogs and soldiers develop mainly through training exercises.
(d) Snowy adapted to hostile environments and acted proactively during critical moments.
(e) Military dogs are used primarily to bridge the communication gap between different units.

Answer: (d)

Explanation: Snowy adapted to challenging terrains and acted proactively without hesitation to avert a threat.

Q42. Choose the correct synonym of the word 'sentinel' as used in the passage:

(a) officer (b) guardian (c) warrior (d) protectorate (e) disciplinarian

Answer: (b)

Explanation: A 'sentinel' is a guard or watchman; hence, 'guardian' is the exact synonym.

Q43. Why is Snowy's reaction on the freezing night a significant event in the narrative?
(a) It reveals how animals tend to become hyperactive in colder temperatures.
(b) It highlights the failure of automated systems to detect intruders.
(c) It exemplifies how a trained dog can respond faster than human guards.
(d) It marks the first instance of Snowy disobeying his handler's commands.
(e) It shows how dogs can create panic in secure areas if not trained properly.
Answer: (c)
Explanation: Snowy sensed the movement before anyone else, alerting guards and showing how trained canines respond faster than humans.

Q44. Identify the incorrect statement from the options below:
(a) Snowy's bond with the soldiers helped him recognize their emotional states.
(b) Dogs in the army are trained in both physical endurance and situational response.
(c) Snowy's white coat was the primary reason for his placement at the snowy border.
(d) The narrative uses Snowy's experience to exemplify the role of military dogs.
(e) Dogs like Snowy act without hesitation when sensing suspicious activity.
Answer: (c)
Explanation: Snowy received his name from his white coat, but his posting at the border was due to his operational readiness and training, not coat color.

Directions (45-50): In the following passage there are blanks, each denoted by letters (A-F). Choose the most appropriate word that fits each blank.

Medical research in Country X has recently _(A)_ a remarkable step by combining modern science with ancient discoveries. During a/an _(B)_ in a remote desert region, the archaeological department unearthed ancient ruins believed to be more than two thousand years old. Among the artifacts and broken pottery, researchers found a nearly intact human skeleton. This discovery opened the door to a unique _(C)_ between archaeologists and medical scientists. The team decided to reconstruct the skeleton using advanced imaging and 3D modeling techniques. Each bone was carefully scanned to _(D)_ the physical structure and study the individual's health conditions. Early findings revealed signs of joint wear, healed fractures, and dental patterns that gave clues about diet and lifestyle. Interestingly, traces on some bones suggested the use of basic surgical techniques, indicating a surprisingly advanced medical understanding in ancient times. This interdisciplinary research provided valuable _(E)_ not only into historical practices but also into genetic traits and disease patterns relevant today. By merging archaeology with medical science, Country X demonstrated how ancient _(F)_ can guide modern research.

Q45. Which of the following words will fit in the given blank (A)?
(a) built (b) given (c) taken (d) produced (e) shifted
Answer: (c)
Explanation: 'Taken a remarkable step' is the correct idiomatic phrase.

Q46. Which of the following words will fit in the given blank (B)?
(a) excavation (b) production (c) elevation (d) execution (e) implementation
Answer: (a)
Explanation: In an archaeological context, unearthing ancient ruins occurs during an 'excavation'.

Q47. Which of the following words will fit in the given blank (C)?
(a) continuation (b) collaboration (c) joint (d) merge (e) togetherness
Answer: (b)
Explanation: Archaeologists and medical scientists working together constitutes a 'collaboration'.

Q48. Which of the following words will fit in the given blank (D)?
(a) initiate (b) entangle (c) chain (d) recreate (e) revolve
Answer: (d)
Explanation: Scanning bones to digitally build the skeleton again means to 'recreate' the physical structure.

Q49. Which of the following words will fit in the given blank (E)?
(a) point (b) intuition (c) perceiving (d) understands (e) insights
Answer: (e)
Explanation: 'Provided valuable insights' is the standard collocation.

Q50. Which of the following words will fit in the given blank (F)?
(a) ruin (b) remains (c) decayed (d) dispose (e) excesses
Answer: (b)
Explanation: Ancient skeletal objects/bones uncovered are referred to as ancient 'remains'.

Grammar, Vocabulary & Sentence Correction

Q51. A word has been given in the question and used in the sentences below. Identify the statements where the word 'DISCORD' has been used in a contextually and grammatically correct manner:
(I) There was growing discord among the team members after the project deadline was missed.
(II) The sweet discord of the violin filled the concert hall with peace.
(III) Political discord between the two countries led to years of tension.
(a) Only (I) (b) Only (II) (c) Both (I) and (III) (d) Both (II) and (III) (e) All of these
Answer: (c)
Explanation: 'Discord' means lack of agreement or conflict. It cannot be 'sweet' or produce 'peace' as in (II).

Directions (52-55): Choose the option that can best replace the highlighted word or phrase to make the sentence grammatically and contextually correct.

Q52. She couldn't restrain her excitement upon hearing the news.
(a) express her excitement
(b) hide her disappointment
(c) control her excitement
(d) intensify her excitement
(e) No replacement required
Answer: (c)
Explanation: 'Restrain her excitement' means to control or hold back her excitement.

Q53. The leader attempted to curb the growing unrest among the workers.
(a) ignore the unrest
(b) control the increasing unrest
(c) provoke the unrest
(d) spread the unrest further
(e) No replacement required
Answer: (b)
Explanation: 'Curb the growing unrest' means to control the increasing unrest.

Q54. She tried to mask her embarrassment after making the mistake.
(a) explain her action
(b) reveal her shame
(c) hide her discomfort
(d) increase her confidence
(e) No replacement required
Answer: (c)
Explanation: 'Mask her embarrassment' means to hide her discomfort/awkwardness.

Q55. She managed to temper her frustration despite the delay.
(a) amplify her annoyance
(b) moderate her anger
(c) dismiss her patience
(d) prolong her agitation
(e) No replacement required
Answer: (b)
Explanation: 'Temper her frustration' means to moderate or soften her anger.

Directions (56-60): Read each sentence to find out whether there is any grammatical or idiomatic error in it.

Q56. The judge have (A) / ordered an inquiry (B) / into the financial irregularities (C) / reported by the media. (D)
(a) A (b) B (c) C (d) D (e) No error
Answer: (a)
Explanation: The singular subject 'judge' requires the singular verb 'has' instead of 'have'.

Q57. The cyberattack (A) / was so severe (B) / that it disrupted services (C) / across several countries yesterday. (D)
(a) A (b) B (c) C (d) D (e) No error
Answer: (e)
Explanation: The sentence has no error; it follows the correct 'so...that' structure.

Q58. The government is (A) / planning to increase (B) / the number of EV charging station (C) / in the next fiscal year. (D)
(a) A (b) B (c) C (d) D (e) No error
Answer: (c)
Explanation: 'The number of' must be followed by a plural noun, so it should be 'charging stations'.

Q59. The journalist has being (A) / reporting live (B) / from the conflict zone (C) / for over a week now. (D)
(a) A (b) B (c) C (d) D (e) No error
Answer: (a)
Explanation: Present perfect continuous uses 'has been', not 'has being'.

Q60. Many voters (A) / expressed their concerns (B) / about how the new law will affects (C) / digital privacy rights. (D)
(a) A (b) B (c) C (d) D (e) No error
Answer: (c)
Explanation: After modal auxiliary 'will', the base form 'affect' must be used instead of 'affects'.

Directions (61-65): Rearrange the highlighted words to make the sentence grammatically and contextually correct.

Q61. Urban demand (A) projects often threaten historical (B) sites, prompting activists to development (C) stricter cultural preservation laws.

(a) ACB (b) BAC (c) CAB (d) CBA (e) No rearrangement required

Answer: (d)

Explanation: Correct sequence is CBA: 'Urban development projects often threaten historical sites, prompting activists to demand stricter cultural preservation laws.'

Q62. New enforcement (A) aim to protect user data online, yet regulations (B) across international platforms remains (C) inconsistent.

(a) ACB (b) BAC (c) CAB (d) DBA (e) No rearrangement required

Answer: (b)

Explanation: Correct sequence is BAC: 'New regulations aim to protect user data online, yet enforcement across international platforms remains inconsistent.'

Q63. Trade tensions (A) between major businesses (B) have disrupted supply chains, forcing economies (C) to diversify their sourcing strategies.

(a) ACB (b) BAC (c) CAB (d) CBA (e) No rearrangement required

Answer: (a)

Explanation: Correct sequence is ACB: 'Trade tensions between major economies have disrupted supply chains, forcing businesses to diversify their sourcing strategies.'

Q64. Rising ocean temperatures are leading (A) marine ecosystems, altering (B) to shifts in species distribution (C) and coral reef degradation.

(a) ACB (b) BAC (c) CAB (d) CBA (e) No rearrangement required

Answer: (b)

Explanation: Correct sequence is BAC: 'Rising ocean temperatures are altering marine ecosystems, leading to shifts in species distribution and coral reef degradation.'

Q65. Although turnout influenced (A) in the recent election, misinformation campaigns still behavior (B) public perception and voter increased (C).

(a) ACB (b) BAC (c) CAB (d) CBA (e) No rearrangement required

Answer: (c)

Explanation: Correct sequence is CAB: 'Although turnout increased in the recent election, misinformation campaigns still influenced public perception and voter behavior.'

Reasoning Ability

Directions (66-70): Read the given information carefully and answer the questions.

Eight boxes P, Q, R, S, T, U, V and W are placed one above another in a stack but not in the same order.

Three boxes are placed between box W and box R. Box T is placed two boxes above box R. Box P is placed just below box T but above box W. Two boxes are placed between box P and box V. Box S is placed three boxes below box V. Box Q is placed adjacent to box W.

[Stack arrangement from Top to Bottom: T, P, R, U, V, Q, W, S]

Q66. How many boxes are placed above box U?

(a) One (b) Two (c) Three (d) Four (e) More than four

Answer: (c)

Explanation: Boxes above U are T, P, R (Total 3 boxes).

Q67. Which box is placed just above box Q?

(a) Box U (b) Box R (c) Box P (d) Box S (e) Box V

Answer: (e)

Explanation: Box V is placed immediately above box Q.

Q68. Which of the following statement is/are correct?

I. Two boxes are placed between box Q and box S

II. Box R is placed adjacent to box U

III. Box T is at topmost position

(a) Only I (b) Only II (c) Only I and II (d) Only II and III (e) Only I and III

Answer: (d)

Explanation: Statement I is false (only 1 box W is between Q and S). Statements II and III are both true.

Q69. If all boxes are placed alphabetically from top to bottom, then how many boxes will remain same in their position?

(a) None (b) One (c) Two (d) Three (e) Four

Answer: (b)

Explanation: Alphabetical stack: P, Q, R, S, T, U, V, W. Original stack: T, P, R, U, V, Q, W, S. Only Box R remains at position 3.

Q70. Which box is placed five boxes below box T?

(a) Box Q (b) Box W (c) Box S (d) Box V (e) Box U

Answer: (a)

Explanation: T is at 1st position. 5 boxes below T is the 6th position, which is occupied by Box Q.

Directions (71-73): Study the statements and conclusions, then select the appropriate option:

(a) If only conclusion I is true

(b) If only conclusion II is true

(c) If either conclusion I or II is true

(d) If both conclusions I and II are true

(e) If neither conclusion I nor II is true

Q71. Statements: $K \geq R > M = J > T \leq F > H$

Conclusions: I. $M > F$ II. $R > T$

(a) Only I is true

(b) Only II is true

(c) Either I or II is true

(d) Both I and II are true

(e) Neither I nor II is true

Answer: (b)

Explanation: I: Between M and F, opposite signs ($J > T \leq F$), so false. II: $R > M = J > T \Rightarrow R > T$ is true.

Q72. Statements: L ≤ T < W < Z = D ≤ P < G
Conclusions: I. P > T II. L < Z
(a) Only I is true
(b) Only II is true
(c) Either I or II is true
(d) Both I and II are true
(e) Neither I nor II is true
Answer: (d)
Explanation: I: T < W < Z = D ≤ P => P > T (True). II: L ≤ T < W < Z => L < Z (True). Both are true.

Q73. Statements: A ≤ M > Y > B ≥ X > C ≤ F
Conclusions: I. Y > C II. M ≥ F
(a) Only I is true (b) Only II is true (c) Either I or II is true (d) Both I and II are true
(e) Neither I nor II is true
Answer: (a)
Explanation: I: Y > B ≥ X > C => Y > C (True). II: M > Y > B ≥ X > C ≤ F => opposite signs between M and F (False). Only I is true.

Q74. How many pairs of digits are in the number '37481265', each of which have as many digits between them as in the number series (both forward and backward)?
(a) Three (b) One (c) Four (d) Two (e) None
Answer: (d)
Explanation: Two pairs: (3, 4) forward with 1 digit in between, and (1, 2) forward adjacent.

Directions (75-77): Point A is 5m west of point B which is 9m north of point C. Point D is 12m east of point C. Point E is 15m north of point D. Point F is 12m west of point E. Point G is 4m north of point F.

Q75. What is the shortest distance between point C and point G?
(a) 19m (b) 27m (c) 15m (d) 21m (e) None of the above
Answer: (a)
Explanation: F is directly 15m north of C (since D is 12m east of C, E is 15m north of D, and F is 12m west of E). G is 4m north of F. Total straight vertical distance C to G = 15m + 4m = 19m.

Q76. What is the direction of point D with respect to point A?
(a) North (b) North-west (c) North-east (d) East (e) South-east
Answer: (e)
Explanation: From A(0,9): B is (5,9), C is (5,0), D is (17,0). Point D is to the south and east of A, i.e., South-east.

Q77. Four of the following five are similar in a certain manner and related to a group, which of the following is not related to the group?
(a) A - D (b) B - E (c) A - C (d) G - E (e) F - D
Answer: (b)
Explanation: Check coordinate directions: A to D is South-east, A to C is South-east, G to E is South-east, F to D is South-east. B to E is North-east. Hence B-E is the odd one.

Directions (78-82): Eight persons H, K, M, P, O, T, X and Y sit around a circular table facing inside.
P sits second to the right of T. Two persons sit between P and O. Three persons sit between M and H. K sits immediate left of H who sits second to the left of Y.
[Circular Arrangement clockwise: T, P, X, Y, M, O, K, H]

Q78. What is the position of X with respect to Y?
(a) Third to the left (b) Second to the left (c) Third to the right (d) Immediate right
(e) Second to the right
Answer: (c)
Explanation: Counting clockwise/facing center, X is third to the right of Y.

Q79. How many persons sit between M and T when counted from the left of T?
(a) Two (b) One (c) Three (d) None (e) Four
Answer: (a)
Explanation: To the left of T (anticlockwise): H, K, O, M. When counted from the left of T, 2 persons sit between them.

Q80. Who among the following sits second to the right of X?
(a) Y (b) O (c) T (d) K (e) M
Answer: (d)
Explanation: Second to the right of X is K.

Q81. Four of the following five are similar in a certain manner and form a group. Which of the following does not belong to the group?
(a) K - P (b) H - M (c) X - T (d) O - Y (e) K - O
Answer: (e)
Explanation: In other pairs, persons sit opposite each other (3 persons between them). K and O sit adjacent.

Q82. Who among the following sits fourth to the left of Y?
(a) X (b) O (c) K (d) P (e) T
Answer: (b)
Explanation: Fourth to the left/right in an 8-person circle is the diametrically opposite person, which is O.

Directions (83-85): A certain number of persons sit in a row facing north. Two persons sit between B and E. C sits immediate right of E. Three persons sit between D and C. No one sits to the left of D. Four persons sit between A and C. Number of persons sit to the left of B is same as the number of persons sit to the right of A.
[Row arrangement: D, _, _, _, E, C, _, B, _, _, _, A, _, _, _, _ (Total 16 persons)]

Q83. What is the position of B with respect to D?
(a) Second to the left
(b) Sixth to the right
(c) Eighth to the left
(d) Fifth to the right
(e) Second to the right
Answer: (b)
Explanation: B is at position 7, D is at position 1. B is sixth to the right of D (or seventh from left). Option (b) is correct.

Q84. How many persons sit in the row?
(a) 13 (b) 18 (c) 15 (d) 17 (e) 16
Answer: (e)
Explanation: There are a total of 16 persons in the row.

Q85. How many persons sit between A and D?
(a) Six (b) Nine (c) Eight (d) Seven (e) Ten
Answer: (c)
Explanation: D is at position 1, A is at position 10. Number of persons between them = 10 - 1 - 1 = 8 persons.

Directions (86-90): Read the given alphanumeric series carefully and answer the questions:
2 # 4 5 $ * 8 3 ^ 9 2 7 1 & 1 6 % 4 9 3 @ 2 5

Q86. How many symbols are immediately followed by an even digit?
(a) One (b) Two (c) Three (d) Four (e) More than four
Answer: (d)
Explanation: There are 4 such symbols: # followed by 4, * followed by 8, % followed by 4, @ followed by 2.

Q87. Which of the following element is 11th from the right end?
(a) 1 (b) & (c) 7 (d) 6 (e) 2
Answer: (a)
Explanation: Counting 11 elements from right (5, 2, @, 3, 9, 4, %, 6, 1, &, 1): the 11th element is 1.

Q88. How many odd digits are between % and #?
(a) Four (b) Five (c) Six (d) Three (e) Seven
Answer: (c)
Explanation: Elements between # and %: 4, 5, $, *, 8, 3, ^, 9, 2, 7, 1, &, 1, 6. The odd digits are: 5, 3, 9, 7, 1, 1 (Total 6 odd digits).

Q89. Which of the following is the second symbol to the right of third even digit from the left end?
(a) % (b) & (c) @ (d) $ (e) *
Answer: (b)
Explanation: Even digits from left: 2 (1st), 4 (2nd), 8 (3rd). Symbols to the right of 8: ^ (1st), & (2nd). Hence, '&'.

Q90. How many digits are immediately followed and immediately preceded by a symbol (Symbol - Digit - Symbol)?
(a) Two (b) Three (c) Four (d) One (e) None
Answer: (e)
Explanation: There are no instances of Symbol-Digit-Symbol in the series.

Q91. Find the odd one out among the following letter groups: ROU, JGM, DFA, LIO, VSX
(a) ROU (b) JGM (c) DFA (d) LIO (e) VSX
Answer: (c)
Explanation: Pattern: -3, +6. R(18) - 3 = O(15) + 6 = U(21); J(10) - 3 = G(7) + 6 = M(13); L(12) - 3 = I(9) + 6 = O(15); V(22) - 3 = S(19) + 6 = X(24). But D(4) - 2 = F (+2) does not follow the rule.

Q92. If we form a four-letter meaningful word using 1st, 2nd, 4th and 8th letter of 'CATEGORIZE' (C, A, E, I), what would be the second letter from right end? If no meaningful word can be formed, mark X; if more than one, mark Y.

(a) C (b) E (c) A (d) X (e) Y

Answer: (d)

Explanation: Letters: C, A, E, I. No meaningful 4-letter English word can be formed using these four letters. Hence, answer is X.

Directions (93-95): In a family of eight persons, G is mother-in-law of M who is father of V and B only. D is sister-in-law of V who is not married. H is the son of G's spouse. K has one daughter. C is a male member.

[Family Tree: C(+) is married to G(-). Their children are H(+) and K(-). K(-) is married to M(+). Children of M and K are V(-) [unmarried] and B(+) [married to D(-)]]

Q93. What is the relation of C with respect to M?

(a) Father-in-law (b) Uncle (c) Father (d) Cousin (e) Brother-in-law

Answer: (a)

Explanation: C is the husband of G (who is mother-in-law of M). Thus, C is the father-in-law of M.

Q94. Who among the following is K's daughter?

(a) G (b) V (c) D (d) B (e) Either B or V

Answer: (b)

Explanation: M and K are husband and wife. V is the unmarried female child, so V is K's daughter.

Q95. What is the relation of B with respect to H?

(a) Niece (b) Nephew (c) Son-in-law (d) Daughter-in-law (e) Granddaughter

Answer: (b)

Explanation: B is the son of K, and H is K's brother. Therefore, B is the nephew of H.

Directions (96-100): Eight persons P, Q, R, S, T, U, V and W were born on same date of different months of a year (February, March, April, May, June, July, October, November).

S was born after June. Three persons were born between S and T. Q was born just before T but not in March. Number of persons born before Q and after P is same. R was born three persons before P. V was born just before U.

Month	Person Born
February	Q
March	T
April	V
May	U
June	R
July	S
October	W
November	P

Q96. Who was born in April?

(a) W (b) Q (c) T (d) U (e) V

Answer: (e)

Explanation: V was born in April.

Q97. How many persons were born between W and T?

(a) One (b) Two (c) Three (d) Four (e) None

Answer: (d)

Explanation: Between March (T) and October (W), four persons were born (V, U, R, S).

Q98. W was born in which month?

(a) February (b) October (c) June (d) November (e) July

Answer: (b)

Explanation: W was born in October.

Q99. Four of the following five are similar in a certain manner and form a group. Which one does not belong to that group?

(a) T (b) U (c) S (d) W (e) R

Answer: (e)

Explanation: T (March - 31), U (May - 31), S (July - 31), W (October - 31) are born in 31-day months. R was born in June (30 days).

Q100. Which of the following statement(s) is/are true?

I. One person was born between R and P

II. Two persons were born before V

III. S is older than U

(a) Only I (b) Only III (c) Only II (d) Only I and II (e) Only II and III

Answer: (c)

Explanation: Only statement II is true (Q and T were born before V). Statement I is false (S and W are between R and P). Statement III is false (U was born in May, S in July, so U is older).

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