

## ◆ Reading Comprehension Passage 1 (Q1–5)

### Passage:

In 1972, John Rawls published *A Theory of Justice*, which attempted to reconcile the competing claims of freedom and equality. Rawls proposed a hypothetical “original position” where individuals select the principles of justice under a “veil of ignorance”—they do not know their future status in society. This ensures fairness, as no one would select principles that favor any particular position. Rawls’s ideas sparked debates on utilitarianism, libertarianism, and communitarianism.

**Q1.** What is the “veil of ignorance”?

- A. A metaphor for historical injustice
- B. A tool to ensure impartial justice
- C. A critique of capitalism
- D. A legal principle in constitutional law

**Answer: B**

**Q2.** Rawls’s theory is primarily concerned with:

- A. Liberty vs Security
- B. Morality vs Legality
- C. Freedom vs Equality
- D. Power vs Responsibility

**Answer: C**

**Q3.** Which philosopher is directly associated with the “original position”?

- A. Kant
- B. Mill
- C. Rawls
- D. Hobbes

**Answer: C**

**Q4.** According to Rawls, individuals in the original position will:

- A. Seek personal gain
- B. Favor the elite class
- C. Choose fair principles
- D. Abandon moral reasoning

**Answer: C**

**Q5.** The purpose of the “veil of ignorance” is to:

- A. Promote utilitarianism
- B. Increase diversity
- C. Ensure unbiased decision-making
- D. Eliminate government intervention

**Answer: C**

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◆ Reading Comprehension Passage 2 (Q6–10)

**Passage:**

India's urbanization has grown rapidly since liberalization. However, this growth has not always translated into equitable development. Informal settlements, poor sanitation, and infrastructure deficits remain critical challenges. Experts argue that inclusive urban planning and smart governance are vital to sustainable urban futures.

**Q6.** The passage implies that urbanization in India is:

- A. Balanced and equitable
- B. Problem-free
- C. Rapid but unequal
- D. Slowing down

✓ **Answer: C**

**Q7.** What does the passage suggest as a solution to urban issues?

- A. Privatization of services
- B. Smart and inclusive governance
- C. Reducing population growth
- D. Increasing GDP

✓ **Answer: B**

**Q8.** Which of the following is **not** mentioned as a challenge in urban India?

- A. Poor sanitation
- B. High crime rates
- C. Informal settlements
- D. Infrastructure deficits

✓ **Answer: B**

**Q9.** "Inclusive planning" refers to:

- A. Planning that favors elites
- B. Planning that includes diverse populations
- C. Budget planning only
- D. Foreign investment in urban projects

✓ **Answer: B**

**Q10.** According to the passage, urbanization post-liberalization has been:

- A. Equally beneficial for all
- B. A solution to all social issues
- C. A mixed bag with progress and problems
- D. Entirely driven by technology

✓ **Answer: C**

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◆ **Verbal Ability (Q11–24)**

**Q11.** Rearrange the sentences logically:

- P. It is not possible to remain uninfluenced.
  - Q. Every individual is influenced by the environment.
  - R. Even hermits are not an exception.
  - S. The environment shapes our behavior.
- A. QSPR
  - B. PQSR
  - C. SQPR
  - D. RQSP

✓ **Answer: A**

**Q12.** Synonym of "Abate":

- A. Increase
- B. Diminish
- C. Destroy
- D. Abandon

✓ **Answer: B**

**Q13.** Correct use of "affect":

- A. The cold weather affected my mood.
- B. He was affect by her speech.
- C. The result was not affective.
- D. Affect is not important in this matter.

✓ **Answer: A**

**Q14.** Find the grammatically correct sentence:

- A. Neither of the boys have done their homework.
- B. Neither of the boys has done his homework.
- C. None of the boys has done their homework.
- D. Neither of the boy has done homework.

✓ **Answer: B**

**Q15.** Fill in the blank: Hardly \_\_\_\_\_ she entered the room when the lights went out.

- A. had
- B. has
- C. did
- D. have

✓ **Answer: A**

**Q16.** Synonym of "Furtive":

- A. Open
- B. Secretive
- C. Loud

D. Friendly

**Answer: B**

**Q17.** Antonym of "Lucid":

- A. Clear
- B. Bright
- C. Vague
- D. Coherent

**Answer: C**

**Q18.** Choose the summary of the passage:

*"Overpopulation has strained India's infrastructure. Education and healthcare suffer in overcrowded cities..."*

- A. India's strength lies in its large population.
- B. Overpopulation affects quality of life and services.
- C. Healthcare is the only major concern.
- D. Population growth is controlled.

**Answer: B**

**Q19.** Sentence Correction: "He do not know the answer."

- A. He don't know the answer.
- B. He doesn't knew the answer.
- C. He does not know the answer.
- D. He is not know the answer.

**Answer: C**

**Q20.** Word usage – "Discreet" vs "Discrete"

Which sentence is correct?

- A. She gave me a discrete suggestion.
- B. He made a discreet comment.
- C. The parts are discreet units.
- D. None is correct.

**Answer: B**

**Q21.** Identify the correct order of the following sentences:

- P. A healthy lifestyle includes exercise.
- Q. It also involves eating nutritious food.
- R. Moreover, getting enough sleep is vital.
- S. All these help improve physical and mental health.

- A. PQRS
- B. QPRS
- C. PRQS
- D. QRSP

**Answer: A**

**Q22.** Choose the best summary:

*"Technology has changed the way people communicate. From handwritten letters to emails, the pace and style of communication have become more instant and informal."*

- A. Modern communication is fast and impersonal.
- B. Technology ruins communication.
- C. Communication is now informal due to the internet.
- D. Technology has revolutionized communication methods.

**Answer: D**

**Q23.** Fill in the blank with the most appropriate word:

The student gave a \_\_\_\_\_ answer that showed he had not studied.

- A. precise
- B. vague
- C. detailed
- D. brilliant

**Answer: B**

**Q24.** Identify the grammatically correct sentence:

- A. Each of the boys have done their homework.
- B. Every student and teacher are present.
- C. Neither the dog nor the cat was hungry.
- D. None of them is going to the party.

**Answer: C**

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## □ SECTION 2: DATA INTERPRETATION & LOGICAL REASONING (DILR) – 22 QUESTIONS

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### ◆ Set 1: Bar Graph – Company Sales (Q25–28)

*A bar chart shows the annual sales (in crores) of four companies – A, B, C, D – from 2018 to 2022.*

(You can visualize or create a basic table for reference on Word)

**Q25.** In which year did Company B record the highest sales?

- A. 2019
- B. 2020
- C. 2021
- D. 2022

**Answer: D**

**Q26.** What is the total sales of Company A over 5 years?

- A. 250 Cr

- B. 300 Cr
- C. 275 Cr
- D. 325 Cr

**Answer: C**

**Q27.** Which company shows the most consistent performance?

- A. A
- B. B
- C. C
- D. D

**Answer: C**

**Q28.** Which company had a sales dip in 2020 compared to 2019?

- A. B
- B. D
- C. A
- D. C

**Answer: B**

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◆ **Set 2: Puzzle – Floor Arrangement (Q29–32)**

*Five people – A, B, C, D, and E – live on five different floors (1 to 5, top to bottom).*

*Conditions:*

- A lives above B
- C does not live on floor 1 or 5
- D lives on floor 2
- E lives immediately above A

**Q29.** Who lives on the top floor?

- A. C
- B. B
- C. E
- D. A

**Answer: C**

**Q30.** Which floor does A live on?

- A. 2
- B. 3
- C. 4
- D. 5

**Answer: B**

**Q31.** Who lives immediately below E?

- A. B
- B. C
- C. A
- D. D

**Answer: C**

**Q32.** Who lives on floor 1?

- A. B
- B. D
- C. A
- D. E

**Answer: A**

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**◆ Miscellaneous DILR Questions (Q33–46)**

**Q33.** 3 men can complete a task in 12 days. How many days will 6 men take?

- A. 24
- B. 6
- C. 18
- D. 12

**Answer: B**

**Q34.** A sum triples in 10 years at simple interest. What is the rate?

- A. 20%
- B. 30%
- C. 10%
- D. 15%

**Answer: A**

**Q35.** Which number does not fit in the series: 3, 5, 9, 17, 33, 65, 127

- A. 5
- B. 17
- C. 33
- D. 65

**Answer: C**

**Q36.** A survey of 100 people shows:

- 60 like Tea
  - 40 like Coffee
  - 20 like both
- How many like only Tea?

- A. 60
- B. 40
- C. 20
- D. 40

**Answer: D**

**Q37.** What is the next number in the series: 2, 6, 12, 20, 30, ?

- A. 40
- B. 42
- C. 48
- D. 50

**Answer: B**

**Q38.** Five friends are sitting in a circle. A is left to B, who is opposite to C. Who is sitting next to C?

- A. D and E
- B. A and E
- C. A and B
- D. Cannot be determined

**Answer: A**

**Q39.** If 'APPLE' is coded as 1221635, how is 'ORANGE' coded?

- A. 1518181475
- B. 1518157457
- C. 1518157145
- D. 1518147455

**Answer: C**

**Q40.** A shop sells shirts in 3 colors: red (10), blue (5), green (15). What is the probability of picking a blue shirt?

- A.  $\frac{1}{6}$
- B.  $\frac{1}{3}$
- C.  $\frac{1}{2}$
- D.  $\frac{1}{4}$

**Answer: A**

**Q41.** A train crosses a 240-meter bridge in 20 seconds. Speed of train?

- A. 36 km/hr
- B. 43.2 km/hr
- C. 50 km/hr
- D. 54 km/hr

**Answer: D**

**Q42.** Pie Chart shows expenditure of a family. If 25% is on rent, 15% on food, and the rest on savings and others, what percent is saved if others are 30%?

- A. 30%
- B. 25%
- C. 20%
- D. 10%

**Answer: C**

◆ **Set 3: Table-Based Data Interpretation (Q43–46)**

*A table shows the number of students enrolled in different courses over 4 years at an institute:*

**Year BBA MBA BCA MCA**

2020 120 80 100 60

2021 140 90 110 70

2022 150 100 130 80

2023 160 110 120 90

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**Q43.** What was the total number of students enrolled in 2021 across all courses?

- A. 410
- B. 420
- C. 430
- D. 440

**Answer: B**

$(140 + 90 + 110 + 70 = 410)$

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**Q44.** Which course had the **highest percentage increase** in enrollment from 2020 to 2023?

- A. BBA
- B. MBA
- C. BCA
- D. MCA

**Answer: D**

- BBA:  $(160-120)/120 = 33.3\%$
- MBA:  $(110-80)/80 = 37.5\%$
- BCA:  $(120-100)/100 = 20\%$
- MCA:  $(90-60)/60 = \mathbf{50\%}$

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**Q45.** What was the **average number** of students enrolled in BCA over the 4 years?

- A. 115
- B. 120
- C. 112.5
- D. 110

**Answer: C**

$$(100 + 110 + 130 + 120) / 4 = 460 / 4 = 115$$

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**Q46.** In which year was the **total enrollment** the highest across all courses?

- A. 2020
- B. 2021
- C. 2022
- D. 2023

**Answer: D**

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### □ SECTION 3: QUANTITATIVE ABILITY (QA) – 22 QUESTIONS

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#### Arithmetic & Algebra (Q47–55)

**Q47.** If  $2x + 3 = 11$ , find  $x$ .

- A. 2
- B. 3
- C. 4
- D. 5

**Answer: C**

**Q48.** A train travels 60 km in 1 hour and 90 km in 1.5 hours. Average speed = ?

- A. 60 km/hr
- B. 65 km/hr
- C. 75 km/hr
- D. 80 km/hr

**Answer: A**

**Q49.** A shopkeeper sells an item at 20% profit. If cost price is ₹500, what is selling price?

- A. ₹520
- B. ₹600
- C. ₹580

D. ₹620

✓ Answer: B

**Q50.** Find the smallest number divisible by 12, 15, and 20.

- A. 60
- B. 120
- C. 180
- D. 240

✓ Answer: B

**Q51.** If  $a:b = 2:3$  and  $b:c = 4:5$ , find  $a:c$ .

- A. 8:15
- B. 2:5
- C. 3:4
- D. 4:7

✓ Answer: A

**Q52.** The sum of first 50 natural numbers is:

- A. 1225
- B. 1275
- C. 1375
- D. 1500

✓ Answer: B

**Q53.** If  $x^2 - 5x + 6 = 0$ , find  $x$ .

- A. 2, 3
- B. 1, 6
- C. 3, 5
- D. 1, 2

✓ Answer: A

**Q54.** If 10 workers finish a job in 15 days, how many days will 6 workers take?

- A. 25
- B. 20
- C. 30
- D. 40

✓ Answer: C

**Q55.** If simple interest on ₹1000 for 3 years is ₹240, what is the rate per annum?

- A. 8%
- B. 6%
- C. 7%
- D. 9%

✓ Answer: A

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### Geometry & Mensuration (Q56–61)

**Q56.** Area of triangle with base 10 cm and height 6 cm?

- A. 30 cm<sup>2</sup>
- B. 60 cm<sup>2</sup>
- C. 40 cm<sup>2</sup>
- D. 36 cm<sup>2</sup>

**Answer: A**

**Q57.** The perimeter of a square is 48 cm. Find area.

- A. 144 cm<sup>2</sup>
- B. 120 cm<sup>2</sup>
- C. 140 cm<sup>2</sup>
- D. 136 cm<sup>2</sup>

**Answer: A**

**Q58.** A right circular cylinder has radius 7 cm and height 10 cm. Volume = ?

- A. 1540 cm<sup>3</sup>
- B. 1400 cm<sup>3</sup>
- C. 1600 cm<sup>3</sup>
- D. 1470 cm<sup>3</sup>

**Answer: A**

(Formula:  $\pi r^2 h = 22/7 \times 7 \times 7 \times 10$ )

**Q59.** What is the angle in a semicircle?

- A. 180°
- B. 90°
- C. 60°
- D. 120°

**Answer: B**

**Q60.** The diagonal of a square is  $10\sqrt{2}$  cm. Find the side.

- A. 10 cm
- B. 5 cm
- C. 20 cm
- D. 8 cm

**Answer: A**

**Q61.** Area of a circle with diameter 14 cm?

- A. 154 cm<sup>2</sup>
- B. 144 cm<sup>2</sup>
- C. 196 cm<sup>2</sup>
- D. 138 cm<sup>2</sup>

**Answer: A**

( $r = 7$ ,  $A = \pi r^2 = 22/7 \times 7 \times 7$ )

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### Number System & Modern Math (Q62–68)

**Q62.** Find the HCF of 60 and 75.

- A. 5
- B. 10
- C. 15
- D. 20

**Answer: C**

**Q63.** What is the unit digit of  $7^{45}$ ?

- A. 7
- B. 3
- C. 5
- D. 1

**Answer: B**

*(Unit digit of powers of 7 cycles in 7, 9, 3, 1)*

**Q64.** If  $n$  is a positive integer, then  $n(n+1)$  is always:

- A. Odd
- B. Even
- C. Prime
- D. Divisible by 5

**Answer: B**

**Q65.** If  $\log(x) + \log(2x) = 3$ , then  $x = ?$

- A. 1
- B. 5
- C. 10
- D. 100

**Answer: C**

**Q66.** A man invests ₹10,000 at 10% compound interest annually. What will be amount after 2 years?

- A. ₹11,000
- B. ₹12,100
- C. ₹12,000
- D. ₹12,500

**Answer: B**

**Q67.** If  $P = 3$ ,  $Q = 4$ , what is  $(P^2 + Q^2)$ ?

- A. 25
- B. 18
- C. 12

D. 7

Answer: A

**Q68.** What is the remainder when 72 is divided by 5?

A. 2

B. 3

C. 1

D. 0

Answer: 2