

SNAP 2022 Test 2: Question Paper and Answer Key

Section - Quantitative Aptitude (QA)

Q1. In a political survey, 78% of politicians favor at least one proposal, 50% of them are in favour of proposal A, 30% are in favor of proposal B and 20% are in favor of proposal C. 5% are in favour of all three proposals. What percentage of politicians favor more than one proposal?

- A) 17
- B) 18
- C) 16
- D) NOTA

Answer Key: The answer is **A) 17**.

Q2. Rohan sells two similar pens at Rs. 2580 and Rs. 1620. The percentage of profit earned from the first pen is equal to the percentage of loss incurred by the second. At what price should both pens be sold to earn a final profit of 25%?

- A) 2100 each
- B) 1800 each
- C) 2625 each
- D) NOTA

Answer Key: The answer is **C) 2625 each**.

Q3. A four-digit number is formed using the digits 1, 2, 3, 4, 5, 6, and 7 in all possible ways without repeating any digits. How many numbers are greater than 3400?

- A) 540
- B) 560
- C) 580
- D) NOTA

Answer Key: The answer is **B) 560**.

Q4. In an aeroplane the number of people aged 45 and above is 20 and there are at most 26 people aged below 45. The average age of all the passengers is 32 years. What is the highest possible average age in years of people aged below 45 years?

- A) 20
- B) 21
- C) 22
- D) NOTA

Answer Key: The answer is **C) 22**.

Q5. A train after traveling 150 Km meets with an accident and after that proceeds at $\frac{3}{5}$ th of its previous speed and arrives at its destination 8 hours late. Had the accidents occurred 360 Km farther, it would have arrived 4 hours late. What is the total distance traveled?

- A) 780
- B) 870
- C) 880
- D) NOTA

Answer Key: The answer is **B) 870**.

Q6. If $\cos \theta$ is $\frac{1}{2}$, what will be $6 \cot^2 \theta - 1$?

- A) 1
- B) 2
- C) 0.5
- D) NOTA

Answer Key: The answer is **A) 1**.

Q7. The sum of $37^{1/2}\%$ of A and $41^{2/3}\%$ of B is 22. If $37^{1/2}\%$ of A exceeds $41^{2/3}\%$ of B by 2. Find A and B.

- A) 32, 18
- B) 32, 24
- C) -34, 14
- D) 36, 12

Answer Key: The answer is **B) 32, 24**.

Q8. The price of 4 products A, B, C, and D was increased in 2 years by

- $k\%$ & $(k+1)\%$
- $(k+2)\%$ & $(k-1)\%$
- $(k+3)\%$ & $(k-2)\%$
- $(k+4)\%$ & $(k-3)\%$

If all the prices were initially equal, The product with the lowest price after 2nd increase is?

- A) B
- B) C
- C) D
- D) NOTA

Answer Key: The answer is **C) D**.

Q9. There are 5 bags and 7 books. The books need to be distributed in these bags and any bag can receive any number of books. In how many ways can the books be distributed so that the 2nd and the 6th book do not fall in the same bag and no bag is empty?

- A) 14800
- B) 15000
- C) 16800
- D) NOTA

Answer Key: The answer is **B) 15000**.

Q10. The average runs scored by Sumesh in 4 innings is 50. In the fifth inning, Sumesh scores some runs so his average score is now 62. In the 6th inning, he scores 10 runs more than in the 5th inning and now the average of his last five innings is 80. How many runs did he score in the 1st inning?

- A) 26
- B) 28
- C) 30
- D) NOTA

Answer Key: The answer is **C) 30**.

Stay tuned for more questions to be added along with the unofficial answer key!