

SNAP 2022 Question Paper (Memory-Based)

Session - 1

Ques. A sum of Rs 45,000 amounts to 68040 in 3 years with Interest compounded annually. The ROI is 8 % pa for the first year as 12% pa for the second year. Find the ROI of the third year.

- A. 10 %
- B. 12%
- C. 25 %
- D. 16 %

Ans. C

Ques. A company produces 50 pens of Rs 450 and 80 pens of Rs 540. Suppose the cost curve is a straight line, then what will be the cost of producing 130 pens?

- A. 690
- B. 620
- C. 710
- D. None of the above

Ans. A

Ques. 6 different sweet varieties of count 28, 189, 119, 77, 161, 112 were ordered for a particular occasion. They needed to be packed in such a way that each box has the same variety of sweets the number of sweets in each box is also the same. What is the minimum number of boxes required to pack?

- A. 97**
- B. 98**
- C. 99**
- D. None of the above**

Ans. B

Ques. In a 1000-meter race Aman gives 100-meter head start to Bipin and beats him by 200 meters. In the same race, Aman also gives 100-meter head start to Cyrus and beats him by 300 metres. In how many metres would Bipin beat Cyrus in a new 200-meter race?

- A. 20**
- B. 28.57**
- C. 14.2**
- D. None of the above**

Ans. B

Ques. How many terms are there in GP 3, 6, 12, ?, 192?

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

Ans. C

Ques. In a huge rectangular water tank of dimension 150m x 100m base. Water is filled using a pipe having cross sectional dimensions of 2 dm x 1.5 dm. The water flows at a speed of 15 kmph from the pipe. How many hours will the water in the tank be 3 m filled if measured from the base?

- A. 10 hrs**
- B. 50 hrs**
- C. 100 hrs**
- D. None of the Above**

Ans. C

Ques. The average earning of each member in Chawla family is 25% less than average earning of each member of the Patil family. Total earning of Chawla family is 20% more than total earning of Patil family. The number of family members in Patil family is what percentage of the number of family members of the Chawla family.

- A. 63.35%**
- B. 66.25%**
- C. 62.50%**
- D. None of the above**

Ans. C

Ques. Identify tense of the sentence: I had called him over lunch last week.

Ans. Past Perfect

Ques. Convert in reported speech - The teacher, “do you know how to write an essay?”

Ans. The teacher asked, if he knew how to write an essay.

Ques. Pick the compound word.

- A. Courtesy**
- B. Courtesan**
- C. Courting**
- D. Courtyard**

Ans. D

Ques. Pick the compound word.

- A. Worth**
- B. Nobody**
- C. Nostalgia**
- D. Nostril**

Ans. B

Ques. Identify correct Spelling

- A. Contretemps**
- B. Countertremps**
- C. Contratemp**
- D. None of the above**

Ans. A

Ques. Identify the word with a prefix.

- A. Gusto**
- B. Admire**
- C. Confidence**
- D. Overawed**

Ans. D

Ques. Correct the sentence – Vanilla ice cream is very cold to eat.

Ans. Too cold

Session - 2

Ques. Rohan sells two similar pens at Rs 2580 and Rs 1620. The % of profit earned in first transaction is equal to percentage loss increased in second transaction. At what price should these items be sold that the final profit is 25%?

- A. 2100 each**
- B. 1800 each**
- C. 2625 each**
- D. None of the above**

Ans. C

Ques. In a political survey 78% of the politicians favour at least on proposal 50% of them are in favour of proposal A, 30% are in favour of proposal B and 20% are in favour of proposal C. 5 % are in favour of all three proposals. What is the % of people favouring more than 1 proposal?

- A. 17**
- B. 18**
- C. 16**
- D. None of the Above**

Ans. A

Ques. A train travelling 150 kms meets with an accident and after that proceeds with $\frac{3}{5}$ th of its speed and arrives at the destination 8 hours late. Had the accident occurred 360 km farther, the delay would be four hours. What is the total distance travelled?

- A. 780**
- B. 870**
- C. 880**

D. None of the above

Ans. B

Ques. In an aeroplane, the number of people aged 45 years and above is 20 and there are at most 26 people whose ages are below 45 years. The average age of all the people in the aeroplane is 32 years. What is the largest possible average age, in years of the people whose ages are below 45 years?

- A. 20**
- B. 22**
- C. 21**
- D. None of the above**

Ans. B

Ques. When a bus started from a bus stop the ratio of male and female passengers was 4:1. At the first stop 16 male and 8 female passengers got down and 12 female passengers boarded the bus. The ratio of male and female passengers become 8:3. Find the number of passengers when the bus started.

- A. 100**
- B. 110**
- C. 90**
- D. None of the above**

Ans. A

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

- A. 28**
- B. 26**

- C. 30
- D. None of the above

Ans. C

Ques. The price of four products A, B, C, D increased in 2 years by

A: $k\%$ & $(k+1)\%$

B: $(k+2)\%$ & $(K-1)\%$

C: $(k+3)\%$ & $(K-2)\%$

D: $(k+4)\%$ & $(K-3)\%$

If initially, all prices were equal. The product with lowest price after second increase is?

- A. B
- B. C
- C. D
- D. None of the above

Ans. C

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

- A. 16800
- B. 15000
- C. 14800
- D. None of the Above

Ans. B