

Analytical Reasoning Questions and Answers for SSC Exams Pdf

Question: 1

Nitin's age was equal to square of some number last year and the following year it would be cube of a number. If again Nitin's age has to be equal to the cube of some number, then for how long he will have to wait?

- (A) 10 years
- (B) 37 years
- (C) 38 years
- (D) 39 years

Ans: C

Clearly, we have to first find two numbers whose difference is 2 and of which the smaller one is a perfect square and the bigger one a perfect cube.

Such numbers are 25 and 27.

Thus, Nitin is now 26 years old. Since the next perfect cube after 27 is 64.

so required time period = $(64 - 26)$ years = 38 years.

Question: 2

A shepherd had 17 sheep. All but nine died. How many was he left with?

- (A) 7
- (B) 8
- (C) 9
- (D) 10

Ans: C

'All but nine died' means 'All except nine died' i.e. 9 sheep remained alive.

Question: 3

A bird shooter was asked how many birds he had in the bag. He replied that there were all sparrows but six, all pigeons but six, and all ducks but six. How many birds he had in the bag in all?

- (A) 7
- (B) 9
- (C) 11
- (D) 14

Ans: B

'There were all sparrows but six' means that six birds were not sparrows but only pigeons and ducks. Similarly, number of sparrows + number of ducks = 6 and number of sparrows + number of pigeons = 6. This is possible when there are 3 sparrows, 3 pigeons and 3 ducks i.e. 9 birds in all.

Question: 4

At the end of a business conference the ten people present all shake hands with each other once. How many handshakes will there be altogether?

- (A) 25
- (B) 35
- (C) 45
- (D) 55

Ans: C

Clearly, total number of handshakes
 $= (9 + 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1) = 45.$

Question: 5

A placed three sheets with two carbons to get two extra copies of the original. Then he decided to get more carbon copies and folded the paper in such a way that the upper half of the sheets were on top of the lower half. Then he typed. How many carbon copies did he get?

(A) 1

(B) 2

(C) 3

(D) 4

Ans: B

Since the number of carbons is 2, only two copies can be obtained.