Analytical Reasoning Questions and Answers for Bank Exams Pdf

Question: 1

The total number of digits used in numbering the pages of a book having 366 pages is

(A) 730

(B) 792

(C) 990

(D) 1098

Ans: C

Total number of digits = (No. of digits in 1-digit page nos. + No. of digits in 2-digit page nos. + No. of digits in 3-digit page nos.)

= (1 x 9 + 2 x 90 + 3 x 267) = (9 + 180 + 801) = 990.

Question: 2

The total of the ages of Amar, Akbar and Anthony is 80 years. What is the total of their ages of three years ago?

(A) 70 years

(B) 71 years

(C) 74 years

(D) 77 years

Ans: B

Required sum = (80 - 3 * 3) years = (80 - 9) years = 71 years.

Question: 3

The age of a father is twice that of the elder son. Ten years hence the age of the father will be three times that of the younger son. If

the difference of ages of the two sons is 15 years, the age of the father is

(A) 70 years

(B) 60 years

(C) 55 years

(D) 50 years

Ans: D

Let the age of the elder son be x years.

Then, age of younger son = (x - 15) years; age of the father = 2x years.

So, $2x + 10 = 3(x - 15 + 10)$

$\Rightarrow 2x + 10 = 3x - 15$

$\Rightarrow x = 25$.

$\therefore$ Father's age = 2x = 50 years.

Question: 4

A bus starts from city X. The number of women in the bus is half of the number of men. In city Y, 10 men leave the bus and five women enter. Now, number of men and women is equal. In the beginning, how many passengers entered the bus?

(A) 15

(B) 30

(C) 45

(D) 60

Ans: C

Originally, let number of women = x.

Then, number of men = 2x.

So, in city Y, we have : $(2x - 10) = (x + 5)$ or $x = 15$.

∴ Total number of passengers in the beginning = $(x+2x) = 3x = 45$.

Question: 5

The number of boys in a class is three times the number of girls. Which one of the following numbers cannot represent the total number of children in the class?

(A) 40

(B) 42

(C) 44

(D) 48

Ans: B

Let number of girls = x and number of boys = 3x.

Then, $3x + x = 4x$ = total number of students.

Thus, to find exact value be x, the total number of students must be divisible by 4.