

A P T I T U D E

EXAMINATION

TOTAL QUESTION – 30

QUANT – 15

LR - 15

FULL MARKS – 30

6. Rs. 5887 is divided between Shyam and Ram, such that Shyam's share at the end of 9 years is equal to Ram's share at the end of 11 years, compounded annually at the rate of 5%. Find the share of Shyam.

- A) 3567 B) 3452
 C) 3087 D) 3544

7. A, B, C rent a pasture. A puts 10 oxen for 7 months, B puts 12 oxen for 5 months and C puts 15 oxen for 3 months for grazing. If the rent of the pasture is Rs. 175, how much must C pay as his share of rent?

- A) Rs. 45 B) Rs. 50
 C) Rs. 55 D) Rs. 60

8. A father left a will of Rs.35 lakhs between his two daughters aged 8.5 and 16 such that they may get equal amounts when each of them reach the age of 21 years. The original amount of Rs.35 lakhs has been instructed to be invested at 10% p.a. simple interest. How much did the elder daughter get at the time of the will?

- A) 17.5 lakhs B) 21 lakhs
 C) 15 lakhs D) 20 lakhs

9. If Deepesh had walked 20 km/h faster he would have saved 1 hour in the distance of 60km. what is the usual speed of Deepesh?

- A) 100 B) 120
 C) 150 D) None of these

10. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was :

- A) 2500 B) 2700
 C) 2900 D) 3100

11. Which of the following could not be the lengths of the sides of a right angled triangle?

- A) 3, 4, 5 B) 5, 12, 13
 C) 8, 15, 17 D) 12, 15, 18

12. The average of 26,29,n,35 and 43 lies between 25 and 35. If n is always an integer and greater than the average of the given integers then the value of n is :

- A) 33 B) 34
 C) 33 D) None of these

13. 2 men and 7 boys can do a piece of work in 14 days; 3 men and 8 boys can do the same in 11 days. Then, 8 men and 6 boys can do three times the amount of this work in

- A) 18 days B) 21 days
 C) 24 days D) 30 days

14. A retailer buys product from a shopkeeper at discount of 40% on the list price (marked price) and sells them to the customer at a discount of 25% on the list price. What is his profit percentage ?

- A) 10% B) 15%
 C) 20% D) 25%

15. A man sitting in a train which is traveling at 50 kmph observes that a goods train, traveling in opposite direction, takes 9 seconds to pass him. If the goods train is 280 m long, find its speed.?

- A) 60 B) 62
 C) 64 D) 65

II. LOGICAL REASONING

1. If Mar 18th,1994 falls on Friday then Feb 25th,1995 falls on which day?

- A) Wednesday B) Monday
 C) Saturday D) Sunday

2. At what time, in minutes, between 3 o'clock and 4 o'clock, both the needles will coincide each other?

- A) 11 4/11 B) 13 4/11
 C) 15 4/11 D) 16 4/11

3. I. Class A has a higher enrollment than Class B.

II. Class C has a lower enrollment than Class B.

III. Class A has a lower enrollment than Class C.

If the first two statements are true, the third statement is

- A) true B) false
 C) uncertain D) none

4. If Neena says, "Anita's father Raman is the only son of my father-in-law Mahipal", then how is Bindu, who is the sister of Anita, related to Mahipal ?

- A) Daughter B) Wife
 C) Daughter-in-law D) None of these

5. Choose the correct alternative Eye : Myopia :: Teeth : ?

- A) Cataract B) Trachoma
 C) Eczema D) Pyorrhea

6. In the following question, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column wise. Find out this trend and choose the missing character accordingly

11	6	8
17	12	?
25	34	19
19	28	11

- A) 16 B) 15
 C) 13 D) 9

7. Amit started walking positioning his back towards the sun. After some time, he turned left, then turned right and towards the left again. In which direction is he going now?

- A) North or South B) North or West
 C) East or West D) South or West

8. If Z = 52 and ACT = 48, then BAT will be equal to

- A) 39 B) 41
 C) 44 D) 46

9. If in a certain language if ENTRY is coded as 12345 and STEADY is coded as 931785, then state which is the correct code for below word. NEATNESS

- A) 25196577 B) 21732199
 C) 21362199 D) 21823698

10. If FRIEND is coded as HUMJTK, how is CANDLE written in that code ?

- A) EDRIRL B) DCQHQB
 C) ESJFME D) DEQJQM

11. Some blades are hammers. Some hammers are knives. Some knives are axes.

Conclusions:

1. Some axes are hammers

2. Some knives are blades

3. Some axes are blades

- A) None follows B) Only 1 follows
 C) Only 2 follows D) Only 3 follows

12. There are six children playing football, namely A, B, C, D, E and F. A and E are brothers. F is the Sister of E. C is the only son of A's Uncle. B and D are the daughters of the brother of C's father. How is D related to A?

- A) Uncle B) Sister
 C) Niece D) Cousin

13. Find the wrong number in the series.

3, 8, 15, 24, 34, 48, 63

- A) 15 B) 24
 C) 34 D) 48

14. Choose the missing terms out of the given alternatives ejo, tyd, ins, xch, ?

- A) mrw B) nrw
 C) nsx D) nsw

15. Choose the number pair/group which is different from others?

- A) 7: 22 B) 12 : 37
 C) 8 : 33 D) 15 : 46