

REASONING QUIZ

Q.1) A is mother of B, who is sister of C. D is father of C. A is sister of M. D has only one son. How is C related to M?

- (a) Niece
- (b) Nephew
- (c) Son
- (d) Cannot be determined
- (e) None of these

Q.2) M is married to L, who has only two sons K and J. R is the only daughter of S who is married to K. How is R related to M?

- (a) Grandson
- (b) Cannot be determined
- (c) Granddaughter
- (d) Grandmother
- (e) None of these

Q.3) N's father is brother of J's mother, who is married to L. How is L related to N?

- (a) Uncle
- (b) Aunt
- (c) Paternal Uncle
- (d) Cannot be determined

(e) None of these

Q.4) Pointing to a photograph, Kumar said "She is the sister of my Paternal grandmother's only son", how is the girl in the photograph related to kumar?

(a) Uncle

(b) Aunt

(c) Sister

(d) Cannot be determined

(e) None of these

Q.5) A%B means A is father of B, A&B means A is mother of B, A*B means A is daughter of B. In this expression 'P%Q&R*T' how is P related to T?

(a) Mother

(b) Brother

(c) Sister

(d) Father-in-law

(e) None of these

Q.6) A is mother of C, who is daughter of B. D is father of R and married to C. How is C related to R?

(a) Daughter

(b) Sister

(c) Daughter in law

(d) Cannot be determined

(e) None of these

Study the following information and answer the questions given below:

W, E, R, T, Y, U, M and P are there in the family. There are three married couples in the family. W is married to E, who has only two daughters U and P. T is father of M, who is brother of Y. P and R are married couples and has no children.

Q.7) If W is mother in law of T, then how E is related to Y?

- (a) Grand Mother
- (b) Grand Son
- (c) Grand daughter
- (d) Grandfather
- (e) None of these

Q (8-10) Study the following information and answer the questions given below:

W, E, R, T, Y, U, M and P are there in the family. There are three married couples in the family. W is married to E, who has only two daughters U and P. T is father of M, who is brother of Y. P and R are married couples and has no children.

Q.8) How is T related to R?

- (a) Sister in law
- (b) Sister
- (c) Sister in law's husband

(d) Cannot be determined

(e) None of these

Q.9) If Y is granddaughter of W, then how is Y related to P?

(a) Niece

(b) Nephew

(c) Son

(d) Daughter

(e) None of these

Q.10) If M is married to H, then how is Y related to H?

(a) Sister in law

(b) Brother in law

(c) Sister

(d) Cannot be determined

(e) None of these

Q.11) Ratio of present ages of Prian and Naren is 6 : 7. After four years their ages will be in the ratio 7 : 8. 2 years from now, the age of Deepa will be four-fifth of Naren's age. What is the present age of Deepa?

a) 24 years

b) 28 years

c) 22 years

d) 18 years

e) 20 years

Q.12) If the speed of a boat in still water is 14 km/hr and speed of the stream is half the speed of the boat in still water, find the total time taken to cover a distance of 147 km upstream and the same distance back.

a) 35 hours

b) 21 hours

c) 28 hours

d) 26 hours

e) None of these

Q.13) Average marks of Iliyana in five term tests is 88. Average marks of first two term test is 86.5 and the average marks of last two term tests is 89.5. Find her mark in third term test.

a) 78

b) 85

c) 88

d) 86

e) 85.5

Q.14) Three-eighth of a number is equal to 65% of another number. Second number is equal to five-seventh of another number. If the first number is 13, find the third number.

a) 21

b) 10.5

c) 11.5

d) 19

e) 9

Q.15) A man marks the price of a pair of shoes at 12% above the cost price. If he offers a discount of 6%, find his profit percentage?

a) 4.25%

b) 6.2%

c) 5.72%

d) 5.28%

e) 4.96%

Q.16) In a 22 kg mixture, cement and sand are in the ratio 7: 4. If 6 kg of cement is added to this mixture, the ratio of cement and sand in the mixture would be,

a) 5 : 3

b) 6 : 5

c) 4 : 3

d) 3 : 1

e) 5 : 2

Q.17) M and P can alone do a piece of work in 8 days and 12 days respectively. With the help of N, they can finish it in 4 days. If the salary difference between M and N is Rs.11440, find the total salary of M, N and P.

a) Rs.22880

- b) Rs.34320
- c) Rs.17160
- d) Rs.28600
- e) Rs.40040

Q.18) A sum of Rs.150000 is deposited in a bank at an interest rate of 14% per annum. If the interest is compounded half yearly, find the amount received at the end of 1 year (approximately)

- a) Rs.177300
- b) Rs.176260
- c) Rs.171735
- d) Rs.172200
- e) Rs.178270

Q.19) If a 330 m long train crosses another train whose length is 60 m less than the first train and travelling in the opposite direction towards each other, in 30 sec, find the sum of the speeds of the two trains.(in km/hr)

- a) 72 km/hr
- b) 65 km/hr
- c) 78 km/hr
- d) 75 km/hr
- e) 69 km/hr

Q.20)A book seller has 10 painting books, 18 story books and 17 rhymes books. If he sold 2 books, what is the

probability that these two books are both painting books or both story books.

a) $\frac{1}{11}$

b) $\frac{1}{5}$

c) $\frac{1}{15}$

d) $\frac{1}{6}$

e) None of these

ANSWER KEY

1. B

2. C

3. A

4. B

5. E

6. E

7. D

8. C

9. A

10. D

11. C

12. C

13. C

14. B

15. D

16. E

17. B

18. C

19. B

20. B