

1. The average age of a husband and wife was 23 years when they were married 5 years ago. The average age of the husband, the wife and a child who was born during the interval, is 20 years now. How old is the child now?

- (a) 9 months
- (b) 1 year
- (c) 3 years
- (d) 4 years

ANS-d

2. A path of uniform width runs round the inside of a rectangular field 38 m long and 32 m wide. If the path occupies  $600 \text{ m}^2$ , then the width of the path is?

- (a) 30 m
- (b) 5 m
- (c) 18.75 m
- (d) 10 m

Ans-b

3. P is 30% more efficient than Q. P can complete a work in 23 days. If P and Q work together, how much time will it take to complete the same work?

- A. 9
- B. 11
- C. 13
- D. 15

Ans-C

4. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?

- A. 8 hours
- B. 10 hours
- C. 12 hours
- D. 24 hours

Ans-C

6. The age of the father 8 years ago was 5 times the age of his son. At present the father's age is 3 times that of his son. Find the present age of father.

- (a) 48 years
- (b) 36 years
- (c) 46 years
- (d) 58 years

Ans-a

8. A can do a work in 12 days and B can do it in 24 days, A works for 3 days and then leaves, In how many days will the work be completed?

- A. 18
- B. 10
- C. 12
- D. 24

Ans-a

8. Shani has some birds and dogs. If the ratio of number of heads and numbers of feet is 5:16, find out the ratio of numbers of dogs and number of birds, if the number of heads alone is 30.

- (a) 3:2
- (b) 2:3
- (c) 4:5
- (d) 5:4

Ans-a

9. A boy can fill a bucket in  $\frac{3}{4}$  min. and a girl can fill bucket  $\frac{4}{3}$  min. In how many hour will they fill the tank whose capacity is 225 buckets. If they works only  $\frac{3}{5}$  hour in every 1 hour?

- (a) 3
- (b) 12
- (c) 8
- (d) 5

Ans-a

10. Weight of two persons A and B are in the ratio of 3:5. A's weight increase by 20% and the total weight of A and B together becomes 80 kg, with an increase of 25%. By what percent did the weight of B increase?

- (a) 28%
- (b) 22%
- (c) 58%
- (d) 18%

Ans-a

11. A boat covers 24kms upstream and 36km downstream in 6 hours. While the boat covers 36km upstream and 24 km downstream in 6.5 hours. Speed of the boats is:

- (a) 5km/h
- (b) 6km/h
- (c) 10km/h
- (d) 12km/h

Ans-c

12. What least value must be given to K, so that number 72 K 517 is divisible by 11?

- (a) 1
- (b) 6
- (c) 9
- (d) 4

Ans-b

13. A number is of two digits. The position of digits is interchanged and new number is added to the original number. The resultant number is always divisible by

- (a) 8
- (b) 9
- (c) 7

(d) 11  
Ans-d

14. Ram arrives at a Bank 15 minutes earlier than scheduled time if he drives his car a 42 km/h. If he drives car at 35 km/h he arrives 5 minutes late. The distance of the Bank, from his starting point is

- (a) 70 km
  - (b) 210 km
  - (c) 72 km
  - (d) 60 km
- Ans-a

15. A car and a jeep were sold for Rs. 121000 each. The car was sold at a loss of 20% while the jeep at a gain of 20%. The entire transaction resulted in

- (a) neither loss nor gain
  - (b) gain of Rs. 1000
  - (c) loss of Rs. 1000
  - (d) gain of Rs. 500
- Ans-c

16. By selling 144 hens Mahesh suffered a loss equal to the selling price of 6 hens. His loss per cent is

- (a) 4
  - (b) 3
  - (c) 9
  - (d) 41/2
- Ans-a

17. A train starts from A at 7 a.m. towards B with speed 50 km/h. Another train from B starts at 8 a.m. with speed 60 km/h towards A. Both of them meet at 10 a.m. at C. The ratio of the distance AC to BC is

- (a) 5 : 6
  - (b) 5 : 4
  - (c) 6 : 5
  - (d) 4 : 5
- Ans-b

18. The length and breadth of a rectangle are increased by 30% and 20% respectively. The area of the rectangle so formed exceeds the area of the rectangle by :

- (a) 46%
  - (b) 66%
  - (c) 42%
  - (d) 56%
- Ans-d

19. The length of a train and that of a platform are equal. If with a speed of 90 km/hr the train crosses the platform in one minute, then the length of the train (in metres) is:

- (a) 500
- (b) 600

(c) 750  
(d) 900  
Ans-c

20. The average age of a class of 35 students is 15 years. If the age of a teacher is also included, the average age increases by 1. What is the teacher's age?

- (a) 36 years
  - (b) 41 year
  - (c) 51 year
  - (d) 56 year
- Ans-c

21. If the difference between the S.I. and C.I. on a certain amount at 10% per annum for 2 years is Rs. 20, then the sum is :

- (a) Rs. 4000
  - (b) Rs 2000
  - (c) Rs. 1500
  - (d) Rs. 3000
- Ans-b

22. The diameter of a toy wheel is 14 cm. What is the distance travelled by it in 15 revolutions?

- (a) 880 cm
  - (b) 660 cm
  - (c) 600 cm
  - (d) 560 cm
- Ans-b

23. Which of the following is the lightest metal?

- (a) Mercury (b) Silver
  - (c) Lithium (d) Lead
- Ans-c

24. The chemical name of Urea is—

- (a) Aneurin (b) Chloroetane
  - (c) Carbamide (d) None of these
- Ans-(c)

25. Which of the following is in liquid form at room temperature?

- (a) Cerium (b) Sodium
  - (c) Francium (d) Lithium
- Ans-(c)

26. The power of a lens is measured in :

- (a) diopters (b) aeon
  - (c) lumen (d) candela
- Ans-(a)

27. Brass gets discoloured in air due to the presence of which gas in air—

- (a) Carbon dioxide (b) Oxygen
  - (c) Hydrogen Sulphide (d) Nitrogen
- Ans-c

28. What is the maximum limit of sound intensity in decibel units beyond which a human being cannot hear?

- (a) 80 decibel
- (b) 85 decibel
- (c) 90 decibel
- (d) 95 decibel

Ans-b

29. Tripping is associated with

- (a) Snooker
- (b) Football
- (c) Cricket
- (d) Lawn Tennis

Ans-b

30. Average weight of A, B, C is 84 kg., when D is included average weight becomes 80 kg. If E replaces A, then the average weight of B, C, D and E becomes 79 kgs. If E's weight is 3 kg more than that of D. What is A's weight?

- (a) 70 kg
- (b) 72 kg
- (c) 75 kg
- (d) 80 kg

Ans-c

31. The ratio of A's and B's ages is 4 : 5. If the difference between the present age of B and the age of A, 5 years hence is 3, then what is the total of present ages of A and B?

- (a) 68 years
- (b) 72 years
- (c) 50 years
- (d) 90 years

Ans-d

32. Profit on selling the watch at Rs. 850 is equal to loss on selling it at Rs. 650. What is the cost-price of the watch?

- (a) Rs. 720
- (b) Rs. 750
- (c) Rs. 800
- (d) Rs. 735

Ans-d

33. The headquarter of ASEAN located at

- a. India
- b. Geneva
- c. New York
- d. Jakarta

ans-b

34. The berry-berry disease caused by

- a. deficiency of vitamine A
- b. Deficiency of vitamine C
- c.. Deficiency of iron

d. Due to viral infection

ans-b

35. Where is the secretariat of SAARC located

- a. Delhi
- b. Kathmandu
- c. Lahore
- d. Colombo

ans-b

36. The first regular session of the general assembly of the UN was held at

- a. New York
- b. Paris
- c. London
- d. Moscow

ans- c

37. The biggest planet in the solar system is

- a. Jupiter
- b. Saturn
- c. Uranus
- d. Venus

ans-a

38. In a certain code, 'KAVERI' is written as 'VAKIRE'. How will 'MYSORE' written in that code?

- (a) EROSYM
- (b) SYMROE
- (c) SYMEOR
- (d) SYMERO

Ans-d

39. In a certain code, if 'LOUD' is written as 'JQSF', then which of the following English word will be coded as 'PKQG'?

- (a) RISE
- (b) ROPE
- (c) ROAD
- (d) RICH

Ans-a

40. Choose the different word from the following.

- (a) Lion
- (b) Bear
- (c) Tiger
- (d) Leopard

Ans-b