

Directions: In questions No. 1 to 6, select the missing number from the given responses.

1.

5	4	9
6	3	?
7	2	4
65	20	45

- (A) 1 (B) 2
(C) 3 (D) 4

Ans-A

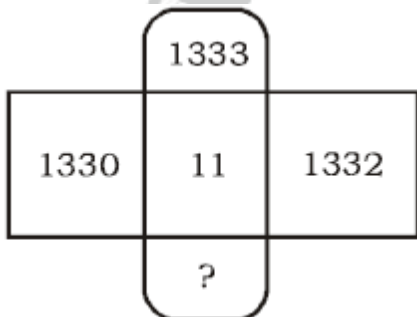
2.

M	H	E
R	I	?
X	K	M

- (A) H (B) I
(C) ∞ (D) F

Ans-B

3.



- (A) 1334 (B) 1328
(C) 1329 (D) 1339

Ans-C

4. By selling a watch at a profit of 60% a man got 38 more than one third of its cost price. What is the cost price of watch?

- (A) 30 (B) 45
(C) 40 (D) 60

Ans- A

5. A man whose bowling average is 12.4 takes 6 wickets for 36 runs and there by decrease his average by 0.4. The number of wickets taken by him before his last match is –

- (A) 98 (B) 89
(C) 72 (D) 90

Ans-D

6. The average age of 11 players of a cricket team is decreased by 3 months when two of them aged 17 years and 20 years are replaced by two new players. The average age of the new players is–

- (A) 17 years 1 month 15 days
(B) 17 years 3 months
(C) 16 years 11 months 3 days
(D) 15 years 9 months

ans-A

7. By Selling an article for 256 a man loses 1/9 of his cost price. By selling it for 288, his gain or loss percent it.

- (A) 0% (B) 1%
(C) 7% (D) 1.5%

Ans-A

8. If 60 men can complete a work in 30 days working 12 hrs a day. In how many days will 90 men complete the work, working 8 hr a day?

- (A) 20 days (B) 27 days
(C) 30 days (D) 31 days

Ans-C

9. The ratio between boys and girls in a school is 6 : 8 respectively. If the number of boys is increased by 200 the ratio becomes 7 : 8 respectively. How many girls are there in the school?

- (A) 1600 (B) 1664
(C) 2000 (D) 1728

Ans-A

10. The monthly salary of Ram is 20,000. Which is 2000 less than the salary of Pawan. What is ratio between the salary of Ram and Pawan respectively?

- (A) 9 : 11 (B) 11 : 10
(C) 10 : 11 (D) 9 : 10

Ans-C

11. The average of 6 quantities is 10 and the average of 4 of them is 8. What is the average of the remaining?

- (A) 17 (B) 12
(C) 14 (D) 16

Ans-C

12. The ratio of cost price and selling price of an article is 25 : 26. What is the profit percent on it?

- (A) 5% (B) 5.5%
(C) 4% (D) 6.1%

Ans-C

Directions: In questions no. 13 to 15, select the related word/letters/number from the given alternatives.

13. WRITE : JEVGR :: WRONG : ?

- (A) JEBAT (B) JECAT
(C) JEDAT (D) JEDAD

JUNIOR ENGINEERING

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Ans-A

14. EJOT : VQLG :: BGLQ : ?

- (A) ZUPK (B) AFKP
(C) AEIM (D) YTOJ

Ans-D

15. AKU : ? :: CMW : DNX

- (A) BGL (B) BLO
(C) BGQ (D) BLV

Ans-D

16. A, B, C, D and E are 5 schools facing towards north. A is in the middle of E and B. E is to the right of D. If C and D are at two ends, which school is on the immediate left side of C?

- (A) E (B) A
(C) D (D) B

Ans-D

17. A is father of B and C. B is the son of A. But C is not the son of A. How is C related to A?

- (A) Niece (B) Son-in-law
(C) Daughter (D) Grandson

Ans-C

18. In this question, a word has been given following by four other words, one of which **cannot** be formed by using the letters of the given word. Find this word.
PHOTOSYNTHETIC

- (A) THOSE (B) SCENT
(C) PRONE (D) COTTON

Ans-C

19. Find the missing number in the given series
150, 152, 149, 153, 148, 154, ?

- (A) 158 (B) 147
(C) 150 (D) 160

Ans-B

20. In an election between two candidates, 75% of the voters cast their votes, out of which 2% votes were declared invalid. A candidate got 9261 votes which were 75% of the valid votes. The total number of voters who cast their votes was –

- (A) 16000 (B) 16400
(C) 16800 (D) 12600

Ans-D

21. A grocer buys 160 kg of rice at 27 per kg and mixes it with 240 kg of rice available at 32 per kg. At what rate per kg should he sell the mixture to gain 20% on the whole ?

- (A) 30 (B) 36 (C) 42
(D) None of these

Ans-B

22. The marked price of a radio is 3840. The shopkeeper allows a discount of 10% and gains 8%. If no discounts is allowed his gain percent would be –

- (A) 20% (B) 25%
(C) 40% (D) 35%

Ans-A

23. If 12 men and 16 boys can do a piece of work in 5 days and 13 men and 24 boys can do it in 4 days, then the ratio of the daily work done by a man to that of a boy is –

- (A) 2 : 1 (B) 3 : 1
(C) 2 : 3 (D) 5 : 4

Ans-A

24. Jaggery is the main source of :

- (A) Protein (B) Carbohydrate
(C) Fat (D) None of these

Ans-D

25. Who among the British Generals defeated Peshwa Bajji Rao II :

- (A) Outrum (B) Malcom
(C) Elphinstone (D) Kitchener

Ans-B

26. In Indian constitution "Directive Principles of State Policy" is mentioned in Part :

- (A) I (B) II
(C) III (D) IV

Ans-D

27. Who regulates credit rating agencies in India?

- (A) IRDA (B) RBI
(C) SEBI (D) SBI

Ans-C

28. The cricket cup played between the winner of the Ranji Trophy and a team representing rest of India:

- (A) Vijay Hazare Trophy
(B) Duleep Trophy
(C) Deodhar Trophy
(D) Irani Trophy

Ans-D

29. An important river of the Indian desert is

- (A) Luni (B) Narmada
(C) Krishna (D) Beas

Ans-A

30. Great Stupa at Sanchi is in

- (A) Uttar Pradesh
(B) Madhya Pradesh
(C) Arunachal Pradesh
(D) Andhra Pradesh

Ans-B

31. Which nutrient is digested first in the mouth:

- (A) Protein (B) Carbohydrate
(C) Fat (D) Vitamin

Ans-B

32. "Diwan-i-Kohi" was related with –

- (A) Agriculture Department
(B) Land–Revenue Department
(C) Defence Department
(D) None of the above

Ans-B

33. Source of energy in ecosystem is

- (A) Sun
(B) Green plants
(C) Sugar produced in photosynthesis
(D) ATP

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Ans-A

C 1576

34. Common salt is a mineral composed primarily of .

D 1476

A Sodium bicarbonate

B Sodium chloride

C Sodium hydroxide

D Sodium oxide

Ans A

40. Which of the following substances undergo 'sublimation' on heating?

1. Iodine

2. Napthalene

3. Camphor

Ans B

35. Which of the following is a structural and function unit of kidneys .

(a)1 and 2 (b) 1 and 3

(c) 2 and 3 (d)All of them

A Renette cells

B Flame cells

C Nephrites

D Nephrons

Ans-(d)

Ans D

36. World Radio day?

A 8 march

B 13 february

C 15 april

D 5 february

ANS-B

37. Which rays cause skin damage ?

A X rays

B UV rays

C Infra red rays

D Yellow rays

Ans b

38. Inias fomous Mars Mission was called .

A Tejus

B Mihir

C MoM

D Juno

Ans C

39. When was the battle of Haldighati fought .

A 1776

B 1676

