

Std V and VI MAT 2020 Practice Test

1

How many zeros are there in 13 million and 13?

- (A) 6 (B) 4 (C) 3 (D) 5

2

If $867 \times 99 = 867(100 - 1) = 86700 - 867 = 85833$, then find 8675×999 .

- (A) 8663255 (B) 8583300
(C) 8675007 (D) 8666325

3

Find 17th even number before 117.

- (A) 86 (B) 84 (C) 82 (D) 100

4

Find the smallest 4 digit number which is divisible by 44.

- (A) 1032 (B) 1076 (C) 1012 (D) 9988

5

Find G.C.D. of 28, 42, 56.

- (A) 14 (B) 28 (C) 56 (D) 7

6

$$\left(\frac{1}{7} + \frac{1}{14}\right) \div \frac{9}{28} = ?$$

- (A) $\frac{2}{3}$ (B) $\frac{84}{126}$ (C) $\frac{3}{14}$ (D) Any other

7

$$0.101 \times 0.011 = ?$$

- (A) 10.110110 (B) 0.01111 (C) 0.001111 (D) 11.011

8

27.2 mm = how many decimeters?

- (A) 2.72 (B) 0.272 (C) 272 (D) 0.0272

9

$$\frac{VII \times XIV - II}{XVI} = ?$$

- (A) VIII (B) XVI (C) X (D) VI

10

If minute hand is on 9 and hour hand is between 3 and 4, then tell the time.

- (A) Quarter to 3 (B) Quarter to 4
(C) Quarter past 3 (D) Quarter past 4

11

Put correct sign $<$, $>$, $=$ in the box of the following :

$$8 \times 19 - 5 \times 15 \square 360 \div 8 + 28$$

- (A) $<$ (B) $>$ (C) $=$ (D) none

12

If Tilak Punyatithi is on Tuesday, then on what day will 15th November fall?

- (A) Wednesday (B) Friday (C) Sunday (D) Monday

13

Simplify : $400 \div 25 \times 5 - 70 + 11$

- (A) 1 (B) 10 (C) 21 (D) 16

14

Cost of 6 books is ₹108, then find the cost of 12 books.

- (A) ₹ 72 (B) ₹ 54 (C) ₹ 156 (D) ₹ 216

15

Find area of a rectangular garden with perimeter = 220 meter and breadth = 35 m.

- (A) 1100 sq. m. (B) 2625 sq. m.
(C) 900 sq. m. (D) Any other

16

Find selling price of an article if there was a loss of 10%, when cost price was ₹ 2000.

- (A) ₹ 1800 (B) ₹ 2200 (C) ₹ 200 (D) ₹ 1500

17

$6\frac{2}{15}\%$ of 750 = ?

- (A) 46 (B) 460 (C) 230 (D) 92

18

Find the difference between place values of underlined digits in the number 935212.

- (A) 20000 (B) 30010 (C) 29990 (D) Any other

19

Which of the following is not a pair of twin prime numbers?

- (A) 107, 109 (B) 137, 139
(C) 187, 189 (D) 149, 151

20

Find difference between G.C.D. and L.C.M. of 24, 108.

- (A) 84 (B) 132 (C) 228 (D) 204

21

Which of the following is the largest fraction?

- (A) $\frac{1}{11}$ (B) $\frac{11}{21}$ (C) $\frac{21}{31}$ (D) $\frac{31}{41}$

22

Find the sum of place values of underlined digits in the number 70.7007.

- (A) $\frac{70007}{10000}$ (B) $\frac{7007}{10000}$ (C) $\frac{7007}{1000}$ (D) $\frac{707}{100}$

23

0.05 hecto meter \times 1.5 = how many deci meter?

- (A) 75 (B) 7.5 (C) 0.75 (D) 0.075

24

20 hrs. 20 min. – 15 hrs. 40 min. = ?

- (A) 5 hr. 20 min (B) 4 hr. 40 min
(C) 5 hr. 40 min (D) 4 hr. 20 min

25

6 rounds of wire fencing is to be done around a triangular garden having each side of 15 m. Find the total length of wire required.

- (A) 270 m (B) 150 m (C) 90 m (D) none

26

Find the difference between the place values of digit 5 if smallest and largest 5 digit numbers are formed using digits 1, 0, 5, 3, 7 atleast once.

- (A) 5490 (B) 5050 (C) 4950 (D) 0

27

$4.25 + 5\frac{1}{2} - 2\frac{3}{4} - 5.5 = ?$

- (A) 7.0 (B) 1.50 (C) 1.45 (D) 6.75

28

Find the number of prime numbers between 50 and 70.

- (A) 8 (B) 6 (C) 5 (D) 4

29

Which one of the following numbers is exactly divisible by 11?

- (A) 315624 (B) 235641 (C) 415624 (D) 245642

30

G.C.D. and L.C.M. of two numbers are 50 and 300 respectively. If one of the numbers is 150, then find the other one.

- (A) 50 (B) 100 (C) 150 (D) 300

31

$\frac{7}{19} + \frac{4}{19} = \frac{A}{57} = \frac{B}{38}$, then find $2B - 2A$.

- (A) -22 (B) 22 (C) 38 (D) -38

32

$$100.001 \times 100 - 10.01 = ?$$

- (A) 9990.09 (B) 100.009 (C) 100.00 (D) 900.09

33

$$5 \text{ kilolitre } 700 \text{ litre } \div 19 = \text{how many kiloliter?}$$

- (A) 3 (B) 0.3 (C) 30 (D) 300

34

$$XI \times XII - XV \times VI = ?$$

- (A) XII (B) CCII (C) LII (D) XLII

35

Convert 5 hrs. 7 sec. into seconds.

- (A) 157 sec. (B) 1807 sec.
(C) 18007 sec. (D) Any other

36

One third of a number added to one-fifth of it gives 32. Find the number.

- (A) 32 (B) 45 (C) 60 (D) none

37

It is Thursday on 22nd May, what will be the day on Christmas in the same year?

- (A) Friday (B) Thursday
(C) Monday (D) Wednesday

38

$$200 - (20 \times 7 + 150 \div 3) + 8 \times 2 \div 8 = ?$$

- (A) 30 (B) 42 (C) 12 (D) none

39

By selling a watch for ₹ 540, a man losses 10%. Find its cost price.

- (A) ₹ 486 (B) ₹ 584 (C) ₹ 550 (D) ₹ 600

40

The floor is 180 m. long and 60 m. wide. The charges for polishing the floor is ₹ 35 per sq. m. What will be the cost of polishing the floor?

- (A) ₹ 378000 (B) ₹ 108000
(C) ₹ 168000 (D) Any other

41

If selling price of 4 articles is same as cost price of 5 articles, then find profit in %.

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

42

13% of 115 = 23% of x. Find 2x.

- (A) 65 (B) 130 (C) 26 (D) 52

43

If an article is sold for ₹ 17, profit is ₹ 2. If it is sold for ₹ 12 what is profit % or loss %?

- (A) 5% loss (B) 5% profit
(C) 20% loss (D) 20% profit

44

Find the difference between 300 and 30% of 30% of 300.

- (A) 291 (B) 270 (C) 327 (D) 273

45

The G.C.D. and L.C.M. of two numbers are 8 and 320 respectively. Find difference between the two numbers.

- (A) 24 (B) 40 (C) 104 (D) 64

46

$\frac{3x-5}{2}$ is an even number. What would be the 16th odd number before it?

- (A) $\frac{3x-21}{2}$ (B) $\frac{3x-67}{2}$
(C) $\frac{3x-5}{2} - 32$ (D) Any other

47

There are 13 persons in a home. They shook hand with each other. How many hand shakes did take place?

- (A) 12 (B) 52 (C) 78 (D) 26

48

A number when divided by 143 gives remainder 16. If same number is divided by 13, then find remainder.

- (A) 13 (B) 11 (C) 3 (D) 1

49

Using digits 2, 0, 1, 9 once only if 4 digit numbers are formed, then how many numbers can be formed at most?

- (A) 24 (B) 20 (C) 64 (D) 18

50

$6xy7$ is a four digit number divisible by 11, then find $y - x$.

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