



# INSTITUTE OF MATHEMATICS EDUCATION

## MATHS APTITUDE TEST – 2019 (Primary Level)

Std. : V and VI

Question Paper

Date : 28.09.2019

Time : 2 Hours

Total Marks : 100

Instructions : 1) Use separate answer sheet to mark answers. 2) First read question carefully, get the answer and darken the circle of respective correct alternative on answer sheet. 3) **No change is allowed, so think twice and then darken the appropriate circle.** 4) Note that half circle darkened or more than one circle darkened, cross or tick on the circle, will not be given marks.

5) If questions are not attempted, marks will not be given. 6) **You can use separate paper for rough work.**

**Q.1 :** How many zeros are there in 15 million?

- A) 4      B) 5      C) 6      D) 7

**Q.2 :** Find difference between two lakhs two and three thousands and three.

- A) 1,00,001      B) 1,03,001  
C) 2,03,001      D) 1,96,999

**Q.3 :** Find 29<sup>th</sup> even number after 127.

- A) 186      B) 184      C) 182      D) 188

**Q.4 :** What should be subtracted from 1356 so that it is divisible by 9?

- A) 5      B) 4      C) 3      D) 6

**Q.5 :** Find G.C.D. of 54 and 90.

- A) 54      B) 18      C) 15      D) 1

**Q.6 :** Simplify :  $\frac{1}{3} + 1\frac{1}{7} - \frac{8}{21}$

- A)  $\frac{1}{3}$       B)  $1\frac{2}{21}$       C)  $1\frac{1}{7}$       D)  $\frac{3}{7}$

**Q.7 :** Convert  $3\frac{3}{4}$  into decimal fraction.

- A) 3.3      B) 5.0      C) 3.75      D) none

**Q.8 :** 5 litres 300 mililitre – 3000 mililitre – 650 mililitre = how many mililitre?

- A) 1650      B) 2350      C) 650      D) 2300

**Q.9 :** LXXII ÷ XII = ?

- A) XII      B) VI      C) X      D) L

**Q.10 :** How will you write quarter to seven at night?

- A) 6:45 am      B) 6 : 45 pm  
C) 7:15 pm      D) 7 : 45 pm

**Q.11 :** Put correct sign <, >, = in box of the following sum :

$$13 \times 7 - 14 \times 6 \square 15 \times 6 - 16 \times 5$$

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

**Q.12 :** If 6<sup>th</sup> March, 2017 is Monday, what was the day on 6<sup>th</sup> March 2016?

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

**Q.13 :** Simplify :  $62 - (55 \times 3 + 15 \times 7) \div 9$

- A) 32      B) 100      C) 60      D) none

**Q.14 :** 18 mangoes cost ₹108. If Shyam has ₹ 90, how many mangoes can he buy?

- A) 21      B) 15      C) 9      D) 20

**Q.15 :** A person walks 5 rounds along a square ground of side 30.5 m, then how much distance he walks?

- A) 122 m      B) 610 m  
C) 1220 m      D) 152.5 m

**Q.16 :** Seema bought two dozen notebooks at the rate of ₹ 60 per dozen. She sold it for ₹ 130. Then how much profit did she get in ₹ ?

- A) 40      B) 30      C) 20      D) 10

**Q.17 :**  $4\frac{1}{4}\%$  of 400 = ?

- A) 100      B) 400      C) 9      D) 17

**Q.18 :** Which of the following is not a pair of twin prime numbers?

- A) (3, 5)      B) (11, 13)  
C) (101, 103)      D) (119, 121)

**Q.19 :** Which of the following is divisible by 15?

- A) 5170      B) 55525  
C) 2250      D) 22550

**Q.20 :** Find L.C.M. of 105 and 115.

- A) 161      B) 115  
C) 2415      D) 105 × 115

**Q.21 :** Which of the following is the largest fraction?

$$\frac{5}{7}, \frac{11}{13}, \frac{17}{19}, \frac{23}{25}$$

- A)  $\frac{5}{7}$       B)  $\frac{11}{13}$       C)  $\frac{17}{19}$       D)  $\frac{23}{25}$

**Q.22 :**  $0.09 \times 0.07 = ?$

- A) 6.3      B) 0.63  
C) 0.063      D) 0.0063

**Q.23 :** 164 deciliter = how many hecto litre?

- A) 0.0164      B) 0.164      C) 1.64      D) 1640

**Q.24 :** 3 hr. 31 min. – 48 min. + 39 min. = ?

- A) 3 hr. 56 min      B) 3 hr. 10 min  
C) 4 hr. 38 min      D) 3 hr. 22 min

**Q.25 :** Area of a rectangle is 288 sq.m. and its length is 18m. Find its perimeter.

- A) 68 m      B) 34 m      C) 52 m      D) none



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### Test 3

Q.1 : (C)	Q.2: (D)	Q.3: (B)	Q.4: (D)	Q.5: (B)
Q.6: (B)	Q.7: (C)	Q.8: (A)	Q.9: (B)	Q.10 (B)
Q.11 (A)	Q.12 (A)	Q.13 (A)	Q.14 (B)	Q.15 (B)
Q.16 (D)	Q.17 (D)	Q.18 (D)	Q.19 (C)	Q.20 (C)
Q.21 (D)	Q.22 (D)	Q.23 (B)	Q.24 (D)	Q.25 (A)
Q.26 (B)	Q.27 (A)	Q.28 (A)	Q.29 (C)	Q.30 (A)
Q.31 (A)	Q.32 (C)	Q.33 (B)	Q.34 (C)	Q.35 (C)
Q.36 (A)	Q.37 (D)	Q.38 (B)	Q.39 (A)	Q.40 (D)
Q.41 (D)	Q.42 (C)	Q.43 (B)	Q.44 (B)	Q.45 (A)
Q.46 (C)	Q.47 (B)	Q.48 (A)	Q.49 (C)	Q.50 (D)