

## Quantitative Aptitude Mock Test

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Q.1. The sum of the first 20 terms of the series  $\frac{1}{5 \times 6} + \frac{1}{6 \times 7} + \frac{1}{7 \times 8} + \dots$  is :

- (A) 0.16
- (B) 1.6
- (C) 16
- (D) None of these

Answer: A

Q.2. If  $1.5x = 0.04y$ , then the value of  $\left(\frac{y-x}{y+x}\right)$  is :

- (A)  $\frac{730}{77}$
- (B)  $\frac{73}{77}$
- (C)  $\frac{7.3}{77}$
- (D) None of these

Answer: B

Q.3.  $\frac{(0.1667)(0.8333)(0.3333)}{(0.2222)(0.6667)(0.1250)}$  is approximately equal to :

- (A) 2

(B) 2.40

(C) 2.43

(D) 2.50

Answer: D

Q.4. The value of  $\frac{3.6 \times 0.48 \times 2.50}{0.12 \times 0.09 \times 0.5}$  is:

(A) 80

(B) 800

(C) 8000

(D) 80000

Answer: B

Q.5.  $\frac{0.0203 \times 2.92}{0.0073 \times 14.5 \times 0.7} = ?$

(A) 0.8

(B) 1.45

(C) 2.40

(D) 3.25

Answer: A

Q.6. The value of  $\frac{3.157 \times 4126 \times 3.198}{63.972 \times 2835.121}$  is closest to:

(A) 0.002

(B) 0.02

(C) 0.2

(D) 2

Answer :C

**Q.7. Two pipes A and B can fill a tank in 24 hours and  $17\frac{1}{2}$  hours respectively. Harihar opened the pipes A and B to fill an empty tank and sometimes later he closed the taps A and B , when the tank was supposed to be full. After that it was found that the tank was emptied in 2.5 hours because an outlet pipe "C" connected to the tank was open from the beginning. If Harihar closed the pipe C instead of closing pipes A and B the remaining tank would have been filled in:**

(A) 8 hours

(B) 2 hours

(C) 4 hours

(D) 6 hours

Answer: A

**Q.8. In how many different ways can the letters of the word 'RUMOUR' be arranged?**

(A) 240

(B) 160

(C) 300

(D) 180

Answer: D

**Q.9 A box contains 2 white balls, 3 black balls and 4 red balls. In how many ways can 3 balls be drawn from the box, if at least one black ball is to be included in the draw?**

(A) 32

(B) 48

(C) 96

(D) 64

Answer: D

**Q.10. How many 3-digit numbers can be formed from the digits 2, 3, 5, 6, 7 and 9, which are divisible by 5 and none of the digits is repeated?**

(A) 35

(B) 15

(C) 20

(D) 25

Answer: C