

APTITUDE QUIZ

Q.1. If the least common multiple of two numbers, 1728 and K is 5184, then how many values of K are possible?

- (A) 6
- (B) 7
- (C) 11
- (D) 8

ANSWER: B

Q.2. Three bells ring simultaneously at 11 a.m. They ring at regular intervals of 20 minutes, 30 minutes, 40 minutes respectively. The time when all the three rings together next is:

- (A) 1.15 p.m.
- (B) 1.30 p.m.
- (C) 2 p.m.
- (D) 1 p.m.

ANSWER: D

Q.3. The largest number, which divides 25, 73 and 97 to leave the same remainder in each case, is

- (A) 21
- (B) 6
- (C) 24
- (D) 23

ANSWER: C

Q.4. A General of an Army wants to create a formation of square from 36562 army men. After arrangement, he found some army men remained unused.

- (A) 81
- (B) 97
- (C) 36
- (D) 65

ANSWER: A

Q.5. The LCM of three different numbers is 120. Which of the following cannot be their HCF?

- (A) 24
- (B) 35
- (C) 8
- (D) 12

ANSWER: B

Q.6. The HCF of two numbers, each having three digits, is 17 and their LCM is 714. The sum of the numbers will be:

- (A) 221
- (B) 731
- (C) 289
- (D) 391

ANSWER: A

Q.7. If the product of three consecutive numbers is 210 then the sum of the smaller numbers is:

- (A) 5
- (B) 11
- (C) 3
- (D) 4

ANSWER: B

Q.8. Two numbers are in the ratio 3 : 4. Their L.C.M. is 84. The greater number is

- (A) 28
- (B) 84
- (C) 21
- (D) 24

ANSWER: A

Q.9. Three sets of English, Mathematics and Science books containing 336, 240, 96 books respectively have to be stacked in such a way that all the books are stored subject wise and the height of each stack is the same. Total number of stacks will be:

- (A) 22
- (B) 48
- (C) 14
- (D) 21

ANSWER: C

Q.10. The number of pairs of positive integers whose sum is 99 and HCF is 9 is:

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

ANSWER: C