Aptitude Number system – downloaded from students3k.com

Aptitude Number systems

(Answers are given at the bottom)

1) The number of prime numbers in (25)13 * (10)7 * (27)5 is?

A) 25

B) 32

C) 55

D) 42

Answer is Given at the end of this PDF

2) what will be the remainder when (29)36 is divided by 28?

A) 0

B) 1

C) 29

D) 5

Answer is Given at the end of this PDF

3) what is the difference in intrinsic value and local value of 6 in 8631

A) 496

B) 594

C) 725

D) 122

Answer is Given at the end of this PDF

4) Replace the * in the number 6* 106 by a suitable digit so that the number formed is exactly divisible by 11?

A) 2

B) 8

C) 5

D) 12

Answer is Given at the end of this PDF

5) A number is greater than 3 but less than 8. Also the number is greater than 6 but less than 10 What is the number?

A) 7

B) 10

C) 5

D) 3

Answer is Given at the end of this PDF

6) The number that is nearest to 2160 and exactly divisible by 52 is?

A) 2132

B) 2148

C) 2184

D) 2177

Answer is Given at the end of this PDF

7) what will be the digit in the unit place in the product (3807)194 * (932)84?

A) 1

B) 9

C) 4

D) 2

8) How many nimbers between 101 and 300 are divisible by both 3 and 5?

A) 14

B) 20

C) 107

D) 34

9) There is a number 8*20 which if multiplied by 6, the product is divisible by 8. The digit replacing * mark is?

A) 4

B) Any digit in between 0 and 9

C) 0

D] 2

10) (1/3 – 1/4) is added to a number. From the sum so obtained, 1/3 of 1/4 is subtracted and the remainder is (1/3+1/4). The number is:

A) 7/12

B) 1/12

C) 1/4

D) 2/4

11) What least number must be added to 859622, to get a number exactly divisible by 456?

A) 485

B) 394

C) 467

D) 387

12) The ratio between two numbers is 4:5 and their sum is 540. The greater of the two numbers is?

A) 360

B) 240

C) 300

D) 700

13) 1/4 of a number subtracted from 1/3 of the number gives 12. The Number is

A) 144

B) 188

C) 196

D) 225

14) Three fifth of one fourth of a number is 90. The number is?

A) 400

B) 600

C) 800

D) 500

15) The sum of two numbers is 60 and their difference is 43 .The difference of there squeare is?

A) 2580

B) 2860

C) 3210

D) 2210

16) The sum of three consecutive even numbers is 36.s The middle one is?

A) 12

B) 18

C) 14

D) 16

17) Find the divisior if dividend = 27541, quotient = 233 and remainder = 47?

A) 238

B) 126

C) 194

D) 118

18) A number when divided by 627 leaves a remainder 43. By dividing the same number by 19, the remainder will be?

A) 32

B) 43

C) 13

D) 5

19) The greatest 5 digit number that is exactly divisible by 100 is?

A) 99899

B) 99800

C) 99900

D) 99889

ANSwer is Given at the end of this PDF

20) What is the total number of numbers up to 9999?

A) 98900

B) 10000

C) 9999

D) 98100

ANSwer is Given at the end of this PDF

APTITUDE ANSWERS :

   (1) C
   (2) B
   (3) B
   (4) A
   (5) A
   (6) C
   (7) C
   (8) A
   (9) B
   (10) A
   (11) B
   (12) C
   (13) A
   (14) B
   (15) A
   (16) A
   (17) D

(18)D
(19)C
(20)C

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