Arithmetic Question & Answers

Question 1: In an exam, Amit is supposed to calculate the product of 34.1 * 4.67. He instead calculates the product of 0.0341 * 46.7 as 1.59. What is the actual answer in the exam?

a) 1.59

b) 15.90

c) 0.159

d) 159.0

Question 2: If $x^{2}-5x-24=0$, then find the value of x

a) +8,-3

b) +8,+3

c) -8,-3

d) -8,+3

Question 3: If A = 13, B = 24 and C = 19, which of the following is true? I. A+B-C = C

II. B+C-A = 30

III. A+B+C = 2B

IV. A+C-B = 8

a) II and IV only

b) I and III only

c) I, II and IV only

d) II, III and IV only

Question 4: What is the value closest to $\sqrt{2028}$ – $\sqrt{1152}$?

a) 8

b) 9

c) 10

d) 11

Question 5: The difference of two positive numbers is 10. 2 and 48 are the HCF and LCM of those two numbers, then find the smaller number ?

a) 12

b) 16

c) 6

d) 8

Question 6: The simplest form of $\frac{391}{667}$ is

a) $\frac{23}{31}$

b) $\frac{19}{23}$

c) $\frac{15}{19}$

d) $\frac{17}{29}$

Question 7: When polynomial $x^{4}-3x^{2}+2x+5$ is divided by (x-1), the remainder is

a) 2

b) 3

c) 4

d) 5

Question 8: What will be the value of –

45% of 550 + 39% of 600

a) 470.5

b) 480.5

c) 490.5

d) 481.5

Question 9: 29% of 6500 is what percentage of 2500?

a) 75.4%

b) 76.5%

c) 80.4%

d) 72.5%

Question 10: If the number 24a53b1 is divisible by 9, then what can be the value of a+b?

a) 3

b) 12

c) 21

d) Cannot be determined

Question 11: 4.23232323… = ?

a) 422/99

b) 440/9

c) 419/99

d) 415/99

Question 12: $\frac{32}{3}+\frac{46}{9}-\frac{14}{3}$ = ?

a) 100/9

b) 10

c) 11

d) 103/9

Question 13: Find the smallest positive integer that should be multiplied to 2352 to make it a perfect square. https://www.freshersnow.com/previous-year-question-papers/

a) 2

b) 3

c) 7

d) 11

Question 14: What is the value of 21*2.9 + 72?

a) 122.9

b) 132.9

c) 133.8

d) 143.8

Instructions

What approximate value should come in place of question-mark (?) in the following questions ? (You are expected to calculate the exact value)

Question 15: $561204\times 58 = ? \times 55555$

a) 606

b) 646

c) 586

d) 716

Question 16: $(9321+5406+1001)\div(498+929+660)$ = ?

a) 13.5

b) 4.5

c) 16.5

d) 7.5

Question 17: What is the HCF of the fractions: ½, 5/7, 8/11, ¾ ?

a) 2/121

b) 1/154

c) 1/121

d) 1/308

Question 18: Find the value of the following expression:126\div 9 + 4*3-17

a) 5

b) 8

c) 9

d) 10

Question 19: What will be the value of –

59% of 6190 + 37% of 5000 =

a) 5500

b) 5515

c) 5510

d) 5502

Question 20: Given that log2 = 0.3 approx, one billion would be approximately

a) 2^{9}

b) 2^{10}

c) 2^{20}

d) 2^{30}