Choose the correct answer

(1) The smallest prime number is .....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(2) The number ..... is a factor of all numbers.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(3) The number ..... is a multiple of all numbers.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(4) The GCF of 5 and 15 is .....

ⓐ 1 ⓑ 2 ⓒ 5 ⓓ 15

(5) The LCM of 16 and 8 is .....

ⓐ 2 ⓑ 4 ⓒ 8 ⓓ 16

(6) The first operation in the expression: $2 - 4 \times 6 \div 8$ is .....

ⓐ subtraction ⓑ multiplication ⓒ division ⓓ addition

(7) 0.7 L = ... mL

ⓐ 70 ⓑ 700 ⓒ 7,000 ⓓ 7

(8) $35.15 \div 0.5 = ... \div 5$

ⓐ 35.15 ⓑ 351.5 ⓒ 3.515 ⓓ 3,515

(9) The digit in the hundredths place in the number 712.356 is .....

ⓐ 7 ⓑ 6 ⓒ 5 ⓓ 3

(10) $12.13 \times 0.1 =$ .....

ⓐ 121.3 ⓑ 1.213 ⓒ 0.1213 ⓓ 12.13

(11) $23.257 \simeq$ ..... (to the nearest tenth)

ⓐ 20 ⓑ 23.2 ⓒ 23.3 ⓓ 23.26

(12) The additive identity element is .....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(13) The multiplicative identity element is .....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(14) If: $m - 12.5 = 3.2$ then $m =$ .....

ⓐ 12.5 ⓑ 3.2 ⓒ 15.7 ⓓ 9.3

(15) $25.25 \div 25 =$ .....

ⓐ 1.01 ⓑ 10.1 ⓒ 101 ⓓ 0.101

(16) The value of the digit 5 in the number 1.235 is .....

ⓐ 5 ⓑ 0.5 ⓒ 0.05 ⓓ 0.005

(17) 2.3 ÷ 0.1 = ...

ⓐ 0.23 ⓑ 0.023 ⓒ 23 ⓓ 230

(18) 2 + 0.3 + 0.05 + 0.007 = ...

ⓐ 7.532 ⓑ 5.732 ⓒ 3.572 ⓓ 2.357

(19) The number whose prime factors are: 2, 3, 5 is .....

ⓐ 6 ⓑ 10 ⓒ 15 ⓓ 30

(20) 325 m = ... km

ⓐ 3.25 ⓑ 32.5 ⓒ 0.325 ⓓ 3250

(21) The LCM of 20 and 5 is .....

ⓐ 2 ⓑ 5 ⓒ 10 ⓓ 20

(22) The GCF of 4 and 12 is .....

ⓐ 3 ⓑ 4 ⓒ 12 ⓓ 2

(23) All the following are expressions except .....

ⓐ x + 4 = 9 ⓑ x + 4 – 9 ⓒ x + 4 × 9 ⓓ x + 4 + 9

(24) 25 × 37 = (20 × ...) + (20 × 7) + (5 × 30) + (5 × 7)

ⓐ 20 ⓑ 30 ⓒ 5 ⓓ 7

(25) 2 tenths × 4 tenths =

ⓐ 8 ⓑ 0.8 ⓒ 0.08 ⓓ 80

(26) If: 35 × 23 = 805, then 3.5 × 2.3 = ...

ⓐ 805 ⓑ 8.05 ⓒ 80.5 ⓓ 0.805

(27) 12 hundredth ..... 12 thousandths

ⓐ < ⓑ > ⓒ = ⓓ otherwise

(28) 0.35 ÷ 0.05 = ...

ⓐ 0.7 ⓑ 7 ⓒ 0.07 ⓓ 70

(29) The number 13 has ..... factors.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(30) ..... is a composite number.

ⓐ 11 ⓑ 13 ⓒ 15 ⓓ 17

(31) 26.4 ÷ 10 = ...

ⓐ 2.64 ⓑ 264 ⓒ 0.264 ⓓ 2,640

(32) 25.7 ÷ 0.1 = 25.7 × .....

ⓐ 0.1 ⓑ 10 ⓒ 0.01 ⓓ 0.001

(33) All prime numbers are odd except .....

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 5

(34) In the pattern (5, 10, 15, 20, 25, ...) the rule is .....

ⓐ n – 5 ⓑ n × 5 ⓒ n + 5 ⓓ n ÷ 5

(35) 120 × 30 = ...

ⓐ 36 ⓑ 360 ⓒ 3,600 ⓓ 36,000

(36) If: m + 24.5 = 34.7, then m = ...

ⓐ 10.2 ⓑ 10.8 ⓒ 9.8 ⓓ 59.2

(37) The variable in the equation: 3 + x = 5 is .....

ⓐ 3 ⓑ x ⓒ 5 ⓓ 2

(38) The prime number which the sum of its factors equals 18 is .....

ⓐ 17 ⓑ 19 ⓒ 20 ⓓ 21

(39) 0.12 + 0.3 × 0.1 = ...

ⓐ 0.12 ⓑ 0.15 ⓒ 0.17 ⓓ 0.18

(40) 2.36 ... 2.5

ⓐ < ⓑ > ⓒ = ⓓ otherwise

Essay Problems

(1) Find GCF and LCM of 8 and 20

.....

.....

.....

.....

(2) Solve the equation:

x + 2.45 = 3.56

.....

.....

(3)	**Ali saves 24.7 pounds every week. Find the total sum of money which he will save in 10 weeks.** **He saved =** .....
(4)	**Ahmed saves 24.25 pounds. His sister Ola saves 12.5 pounds. How much money do they save together?** **They saves =** .....
(5)	**Housam bought 7 pens, the price of each one is 5.2 pounds. How much money did he pay?** **He paid =** .....
(6)	**If the price of 12 books is 420 pounds. What is the price of each book?** **The price of each book =** .....
(7)	**Evaluate: 12.5 + (9.5 – 3.2) × 0.1** ....

(8)	**Find: 42 × 253**	**Find: 1,272 ÷ 53**
(9)	**Find: 13.5 × 2.7**	**Find: 17.68 ÷ 3.4**

Best Wishes