	Selvam College Of Technology, Namakkal **(Autonomous)** **IT Support & Development Training Programme (ISDTP)**	
	Work Sheet - 1	
Subject Name	Proficient Bundle V2 (2025) - Interview Skills in Aptitude V2	**Semester**	VIII

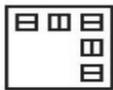## Answer key

1. The Square value of 42 is____. A)1864   B)1764   C) 8164   D)4214

   Ans: B)1764

2. Evaluate the given expression: 16+8÷4-2x3. A)18   B)0   C)6   D)12

   Ans: D)12

3. What will be the remainder when(99^{99}+99) is divisible by 100? A)99   B)98   C)97   D)96

   Ans: B)98

4. Select the figure that replaces the question mark (?) from the options.

   A)   B)   C)   D)

   Ans: C)

5. Find the missing number in the series: 8, 18, 38, 78, 158,? A)290   B)340   C)268   D)318

   Ans: D)318

6. Find the least value of 'x' so that the 8-digit number 85264x16 is divisible by 8.

   A)1   B)5   C)3   D)2

   Ans: D)2

7. The smallest natural number divisible by 18, 5, 81, and 90 is ____.

   A)810   B)797   C)751   D)720

   Ans: A)810

8. In the Delhi Zoo, there are rabbits and pigeons. If the heads are counted, there are 340, while the legs are 1060. What will be the number of pigeons in the zoo? A)120   B)150   C)170   D)180

   Ans: B)150

9. The radius of a circle is 10cm. What will be the angle made by a chord of length 20 cm on the circumference of this circle? A)90   B)120   C)180   D)135
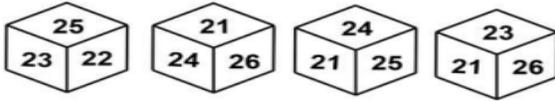
   Ans: A)90

10. The smallest 1-digit number to be added to the 6-digit number 910300 so that it is completely divisible by 11 is_____. A)6   B)2   C)9   D)5

Ans: D)5

11. The Cube value of 71 is____.   A)3,57,911   B)3,57,918   C)3,57,922   D)3,57,933

Ans: A)3,57,911

12. Four different positions of the same dice are given below. Find the number opposite of 23.

A)24   B)25   C)26   D)27

Ans: A)24

13. What will be the day of the week on 13th January 2076?

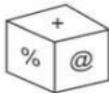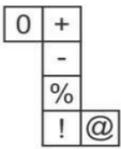A)Tuesday   B)Monday   C)Sunday   D)Wednesday

Ans: B)Monday

14. If x:y= 8:3, then (x + y): (x − y) = ?   A)5:11   B)11:5   C)8:3   D)3:8

Ans: B)11:5

15. If a:b = 3:2 and b:c = 3:2, then a:b:c = ? A)9:6:4   B)9:4:6   C) 6:3:4   D)6:4:3

Ans: A)9:6:4

16. Select the cube that cannot be formed by folding the given sheet.

A)   B)   C)   D)

Ans: D)

17. If the third proportion of 76 and 38 is x, then what is the value of x? A)16   B)17   C)19   D)22

Ans: C)19

18. If the sum of the n observations is 160 and their average is 40, find the value of 7n + 15.

A) 41   B) 47   C) 43   D) 45

Ans: C) 43

19. Find the least value of 'x' so that the number 9052743x2 is divisible by 8. A)3   B)8   C)7   D)9

Ans: D)9

20. If ₹2,400 is to be distributed between A and B in the ratio of 7: 5, then the share of B is:

A) ₹1,300   B) ₹1,600   C) ₹1,000   D) ₹1,900

Ans: C) ₹1,000