	Selvam College Of Technology, Namakkal (Autonomous) **IT Support & Development Training Programme (ISDTP)**		
	Worksheet -5 (Proportion)		
Bundle & Subject Name	Office Productivity Bundle V2 (2025) – Aptitude (Level-2)	**Semester**	II

Answer key.

1. Find the fourth proportional (x) to 8: 9:: 72: x.

   A) 81   B) 92

   C) 80   D) 90

   Ans: A) 81

2. The third proportion of 10 and 20 is ___.

   A) 40   B) 200

   C) 10   D) 20

   Ans: A) 40

3. Find the mean proportional to 81 and 25.

   A)35   B) 45

   C) 55   D) 65

   Ans: B) 45

4. A box contains 1 rupee, 50p, and 25p coins in a ratio of 1:2:4. If the number of 50p coins is 30, how much money is there in the box?

   A) ₹35   B) ₹40

   C) ₹45   D) ₹50

   Ans: C) ₹45

5. If (a+b): (a-b) = 5:3 then the value of a: b is ____.

   A) 4:3   B) 1:3

   C) 3:2   D) 4:1

   Ans: D) 4:1

6. If A: B =$1/2$: $3/8$. B:C =$1/3$: $5/9$ and C:D=$5/6$: $3/4$ then the ratio of A:B:C:D is

   A) 4:6:8:10   B) 6:4:8:10

   C) 6:8:9:10   D) 8:6:10:9

   Ans: D) 8:6:10:9

7. In a mixture of 40 liters, the ratio of milk and water is 4: 1. How much water must be added to this mixture so that the ratio of milk and water becomes 2: 3?

   A) 40 liters   B) 32 liters

   C) 20 liters   D) 30 liters

   Ans: A) 40 liters

8. Krishna ate 1/3 of a pizza and Devshya ate 2/5 of the Pizza. What fraction of the pizza is left uneaten?

   A) 3/15   B) 4/15

   C) 2/5   D) 3/5

   Ans: B) 4/15

9. The ratio of income of two workers A and B is 3: 4. The ratio of expenditure of A and B is 2: 3. Find the ratio of savings of A and B.

   A) 5:7   B) 1:1

   C) 1:2   D) 3:2

   Ans: B) 1:1

10. There are 45 people in the office. Out of which female employees are 25 and the remaining are male employees. Find the ratio of males to females.

    A) 5:4   B) 4:5

    C) 2:5   D) 5:2

    Ans: B) 4:5