
	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)		
Work Sheet - 2			
Subject Name	Proficient Bundle V2 (2025) - Interview Skills in Aptitude V2	Semester	VIII

Answer key

- If $x:y = 7:3$, then $(x - y) : (x + y) = ?$ A) 5:1 B) 5:2 C) 2:5 D) 1:5
Ans: C) 2:5
- Find the simple interest on ₹3,000 as a sum borrowed at a 4% per year interest rate for 5 years.
 A) ₹400 B) ₹800 C) ₹300 D) ₹600
Ans: D) ₹600
- If $a:b = 3:4$ and $b:c = 2:3$, then $a:b:c = ?$ A) 4:2:3 B) 4:3:6 C) 3:4:6 D) 3:4:3
Ans: C) 3:4:6
- If ₹2,400 is to be distributed between A and B in the ratio of 7: 5, then the share of A is___.
 A) ₹1,400 B) ₹1,600 C) ₹1,000 D) ₹1,000
Ans: A) ₹1,400
- The HCF of the numbers 310, 208, and 180 is___. A) 2 B) 4 C) 6 D) 8
Ans: A) 2
- Which two signs should be interchanged to make the given equation correct? $28+12-21\div 7\times 4 = 60$
 A) x and \div B) x and - C) + and \div D) x and +
Ans: B) x and -
- A train traveling at a speed of 72 km/h crosses a pole in 24 sec. What is the length of the train?
 A) 300 m B) 125 m C) 150 m D) 480 m
Ans: D) 480 m
- Evaluate $\{(175\times 72\div 24+5)\times 20\} \div 2$. A) 5800 B) 4300 C) 5300 D) 4850
Ans: C) 5300
- The ages of 7 men in a cricket team are 26, 25, 21, 29, 24, 28 and 22. What is their average age?
 A) 24 B) 23 C) 25 D) 22
Ans: C) 25
- If $M: N = 9:6$, then what is the value of $(M+N) : (M-N)$? A) 5:2 B) 5:4 C) 5:1 D) 1:5
Ans: C) 5:1

11. Select the figure that replaces the question mark (?) from the option

6	
	78

	12
72	

18	
	60

	24
42	

?	
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A)

30	
	18

B)

30	
	24

C)

24	
	30

D)

	30
18	

Ans: A)

30	
	18

12. In the Delhi Zoo, there are deer and there are ducks. If the heads are counted, there are 180, while the legs are 448. What will be the number of deer in the zoo? A) 136 B) 44 C) 68 D) 22

Ans: B) 44

13. The average of 7 numbers is 57. If each number is increased by 5, what will the new average be?

A) 7 B) 62 C) 57 D) 67

Ans: B) 62

14. What will be the day of the week on 14 September 3041?

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

Ans: D)Tuesday

15. If a sum of money doubles itself in 10 years on compound interest, then in how many years will it become 16 times itself at the same rate of interest?

A) 20 B) 10 C) 40 D) 30

Ans: C) 40

16. If the day after tomorrow is Sunday, what day will be the day before yesterday?

A)Wednesday B)Sunday C)Saturday D)Friday

Ans: A)Wednesday

17. In a certain code language, 'LOBE' is coded as '2653', and 'BORE' is coded as '6823'. What is the code for 'L' in the given language? A)5 B)3 C)8 D)2

Ans: A)5

18. $x : 793 :: 679 : y$ A)x=974, y=498 B)x=848, y=51 C)x=886, y= 443 D)x=923, y=481

Ans: A)x=974, y=498

19. Find the simple interest on ₹4,000 as a sum borrowed at a 4% per year interest rate for 5 years.

A) ₹400 B) ₹800 C) ₹300 D) ₹600

Ans: B) ₹800

20. Which of the following will replace the question mark in the given series? LNR, MOS, NPT, OQU

A) PVR B) VRP C) PRV D) VPR

Ans: C) PRV