



Selvam College Of Technology, Namakkal
(Autonomous)
IT Support & Development Training Programme (ISDTP)



Work Sheet - 15

Subject Name	Proficient Bundle V2 (2024) - Interview Skills in Aptitude V2	Semester	VIII
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Answer Key

- 1) Manish travels from City A to City B. If Manish drives $\frac{1}{3}$ of his car at normal speed, he reaches City B 36 minutes late. Find the time (in minutes) that Manish would have taken to travel from City A to City B if he drove at his normal speed.
A) 15 B) 18 C) 20 D) 26
Ans: B) 18
- 2) The mean proportional between 25 and a number N is two times the mean proportional between 15 and 35. The number N is: A) 80 B) 72 C) 76 D) 84
Ans: D) 84
- 3) If 2% of $x = 300$, then x is equal to:
A) 15000 B) 30100 C) 15100 D) 30000
Ans: A) 15000
- 4) Ashish has Rs.1218 with him. He divided it amongst his sons Arun and Mahesh and asked them to invest it at a 10% rate of interest compounded annually. It was seen that Arun and Mahesh got the same amount after 11 and 12 years respectively. How much (in) did Ashish give to Mahesh?
A) 580 B) 430 C) 738 D) 638
Ans: A) 580
- 5) What is the effective discount percentage if a shopkeeper offers a scheme, "Buy five and get three free"? A) 35.5% B) 33.8% C) 37.5% D) 41.5%
Ans: C) 37.5%
- 6) A book was purchased for ₹1,020 and sold for ₹1,224. Find the profit percentage.
A) 21% B) 19% C) 20% D) 18%
Ans: C) 20%
- 7) Evaluate: $16+8\div4-3\times4$ A) 5 B) 6 C) 9 D) 8
Ans: B) 6
- 8) In a class, the average score of boys is 75 with 20 boys, and the girls' average score is 85 with 30 girls. What is the overall average score of the class?
A) 80 B) 81 C) 82 D) 83
Ans: B) 81

- 9) Sudha's expenditure is 125% more than her savings. If her expenditure decreases by 14% and savings increase by 38%, then by what percent does her income increase?
 A) 1.3% B) 2.4% C) 3.5% D) 2%
Ans: D) 2%
- 10) The first, second, and fourth numbers in a proportion are 31, 12, and 156, respectively. The third number is:
 A) 403 B) 387 C) 302 D) 290
Ans: A) 403
- 11) Evaluate: $(-9) - (-60) \div (-12) + (-4) \times 8$ A) -49 B) -48 C) -46 D) -45
Ans: C) -46
- 12) If at the same rate of interest, in 2 years, the simple interest is ₹42 and compound interest is ₹49, then what is the principal (in ₹)?
 A) 67 B) 63 C) 56 D) 58
Ans: B) 63
- 13) Rupesh sold 153 chairs and had a gain equal to the selling price of 53 chairs. What is his profit percentage?
 A) 58% B) 63% C) 48% D) 53%
Ans: D) 53%
- 14) A man goes to Mumbai from Pune at a speed of 78 km/hr and returns to Pune at a speed of 91 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?
 A) 89 B) 79 C) 82 D) 84
Ans: D) 84
- 15) If the ratio of the radius of the bases of two cylinders is 4:5 and the ratio of their heights is 5: 2, then the ratio of their volumes is:
 A) 6:5 B) 4:3 C) 5:3 D) 8:5
Ans: D) 8:5
- 16) The greatest number, which divides 1938 and 2337 to leave 0 and 3 respectively as remainders, is:
 A) 14 B) 11 C) 13 D) 6
Ans: D) 6
- 17) The average weight of Mohammad, Ashish, and Kiran is 46 kg. If the average weight of Mohammad and Ashish is 40 kg and that of Ashish and Kiran is 42 kg, then the weight of Ashish (in kg) is:
 A) 36 B) 26 C) 41 D) 46
Ans: B) 26
- 18) A and B can finish a piece of work in 15 days and 20 days, respectively. If A and B work on alternate days, how many days will it take to complete the work (A starts the work)?
 A) 16 B) 20 C) 17.5 D) 17
Ans: D) 17
- 19) The largest four-digit number which when divided by 9, 18 and 23, leaves a remainder 5 in each case, is:
 A) 9963 B) 9935 C) 9921 D) 9941
Ans: D) 9941
- 20) The simple interest on a principal amount (in ₹) is ₹714 for 3 years at the rate of 7% per annum. The principal amount (in ₹) is:
 A) 3406 B) 3400 C) 3409 D) 3401
Ans: B) 3400