
	<div>Selvam College Of Technology, Namakkal</div> <div>(Autonomous)</div> <div>IT Support &amp; Development Training Programme (ISDTP)</div>		
Work Sheet - 14			
Subject Name	Proficient Bundle V2 (2024) - Interview Skills in Aptitude V2	Semester	VIII

**Answer Key**

- 1) Which of the following is divisible by 2,3 & 5?    A)3150      B) 45502      C)35110      D)2240  
**Ans: A) 3150**
  
- 2) Naren can do a piece of work in 25 days. Tarun is 25% more efficient than Naren. The number of days taken by Tarun to do the same piece of work is: A)16      B) 25      C)15      D)20  
**Ans: D) 20**
  
- 3) If a man bought 6 pencils for Rs.5 and sold them at 5 pencils for Rs.6, then the gain percentage is\_\_\_\_.  
A)42%      B) 41%      C)44%      D)43%  
**Ans: C) 44%**
  
- 4) A sum of money is distributed to four people A, B, and C in the ratio 4:7:9:3. If C gets Rs.800 more than B, then find the amount D gets. A)Rs.1000      B)Rs.1200      C)Rs.1400      D)Rs.1500  
**Ans: B) Rs.1200**
  
- 5) Statements: I) All shirts are pants.    II) All pants are ties.    III) No ties are jeans.  
Conclusions: I) No jeans are pants.    II) All pants are shirts.  
A) I follow      B) II follow      C) I & II both follow      D) Neither I nor II follow  
**Ans: A) I follow**
  
- 6) Which of the following is a prime number?    A)161      B)437      C)221      D)373  
**Ans: D) 373**
  
- 7) The value of  $9/10 \div (4/5 + 1/10)$     A) 1      B) 0      C) 1/10      D) 81/100  
**Ans: A) 1**
  
- 8) If a train traveling at a speed of 90km/hr crosses a pole in 5 seconds, then the length of the train is :  
A)152      B)125      C)104      D)140  
**Ans: B) 125**
  
- 9) What is the area of a rhombus, whose sides are 10 cm and one of the diagonals is 16 cm?  
A)86      B) 88      C) 96      D) 94  
**Ans: C) 96**

- 10) At what time in a minute between 3 o'clock and 4 o'clock, will both needles coincide with each other?  
 A)  $5\frac{1}{11}$  minutes      B)  $12\frac{4}{11}$  minutes      C)  $16\frac{4}{11}$  minutes      D)  $17\frac{1}{11}$  minutes  
**Ans: C)  $16\frac{4}{11}$  minutes**
- 11) Find the area of the triangle whose sides are 11cm, 7cm, and 14cm.  
 A)  $72\sqrt{2}$       B)  $11\sqrt{8}$       C)  $12\sqrt{10}$       D)  $13\sqrt{3}$   
**Ans: C)  $12\sqrt{10}$**
- 12) The three sides of a triangle are 5 cm, 12cm, and 13cm. A smaller triangle is formed by joining the midpoints of these three sides of this triangle. What is the area of the smaller triangle?  
 A) 15      B) 7.5      C) 30      D) 32  
**Ans: B) 7.5**
- 13) The ratio of the corresponding sides of two similar triangles is 1:3 and the area of the larger triangle is 72  $\text{cm}^2$ . Find the area of the smaller triangle. A) 18      B) 9      C) 14      D) 8  
**Ans: D) 8**
- 14) The perimeter of an isosceles triangle is 32cm. Its base is  $\frac{6}{5}$  times of equal sides. Find the area of a triangle. ( $\text{cm}^2$ )      A) 36      B) 64      C) 48      D) 57  
**Ans: C) 48**
- 15) Two sides of a triangle are of lengths 4 cm and 10cm. If the length of the third side is a cm then  
 A)  $6 < a < 14$       B)  $a > 5$       C)  $a < 6$       D)  $6 < a < 12$   
**Ans: A)  $6 < a < 14$**
- 16) 8 men and 6 women can complete a piece of work in 5 days while 6 men and 8 women can also complete the same work in 5 days. In how many days will 7 men and 7 women complete the same work?  
 A) 5      B) 2      C) 3      D) 6  
**Ans: A) 5**
- 17) If 18% of  $200 = x$ , then find the values of x.      A) 72      B) 27      C) 63      D) 36  
**Ans: D) 36**
- 18) Arun borrowed a sum of 9000 from Jayanti at 10% compound interest per annum, where interest is calculated on an annual compounding basis. Find the total amount paid by Arun to pay off the full dues after 2 years.      A) 10089      B) 10098      C) 10980      D) 10890  
**Ans: D) 10890**
- 19) The sum of the ages of Sarala and Kishore is 26 years. If 3 years ago Kishore's age was  $\frac{3}{2}$  times Sarala's age, then what is Sarala's present age?      A) 11      B) 9      C) 10      D) 12  
**Ans: A) 11**
- 20) A brass item marked at Rs.1000 is sold at three successive of 20%, 30%, and 10% during a festival sale. How much amount (in Rs) will a customer have to pay if he purchases the item during the festival?  
 A) 564      B) 469      C) 508      D) 504  
**Ans: D) 504**