Name of the Student: **Roll No:**

Department& Class: **Time Duration:20 min**

EMPLOYABILITY TEST - 3

I. Choose the correct alternative:

1. An aeroplane covers the four sides of square field at speeds of 200,400,600 and 8000km/h.Then the average speed of the plane in the entire journey is?   [   ]

   1.600km/h   2.400km/h   3.500km/h   4.384km/h   5.none of these

2.The average of 8 readings is 24.3,out of which the average of first two is 18.5 and that of next three is 21.2.If the sixth reading is 3 less than seventh and 8 less than eighth,what is the sixth reading?

   1.24.8   2.26.5   3.27.6   4.29.4   5.none of these   [   ]

3.Out of three numbers,the first is twice the second and is half of the third.If the average of three numbers is 56,the three numbers in order are: [   ]

   1.48,96,24   2.48,24,96   3.96,24,48   4.96,48,24   5.none of these

4.The sum of three numbers is 98.If the ratio between first and second be 2:3 and that between second and third be 5:8, then the second number is: [   ]

   1.30   2.20   3.58   4.48   5.none of these

5.The average of four consecutive even numbers is 27.Find the largest of these numbers?   [   ]

   1.10   2.20   3.30   4.40   5.none of these

6.The average annual income of certain agricultural workers is S and that of other workers is T.The number of agricultural workers is 11times that of other workers.Then the average monthly income of all workers is: [   ]

   1.$\dfrac{S+T}{2}$ 2.$\dfrac{S+11T}{2}$ 3.$\dfrac{1}{11S}+T$ 4.$\dfrac{11S+T}{12}$ 5.none of these

7.A family consist of grandparents,parents and three grandchildren.The average age of the grandparents is 67 years,that of the parents is 35 years and that of the grandchildren is 6 years.What is the average age of the family?   [   ]

   1.28 4/7   2.31 5/7   3.32 1/7   4.32 2/7   5.none of these

8.Of three numbers,whose average is 60,the first is one-fourth of sum of the last three.The first number is:

   1.15   2.45   3.48   4.60.25   5.none of these   [   ]

9.The captain of a cricket team of 11 members is 26 years old and the wicket keeper is 3 years older.If the ages of these two are excluded,the average age of the remaining players is one year less than the average age of the whole team.What is the average age of the whole team?   [   ]

   1.23years   2.24years   3.25years   4.26years   5.none of these

10. The average age of students of a class is 15.8 years.The average age of boys in the class is 16.4 years and that of the girls is 15.4 years .The ratio of the number of boys to the number of girls in the class is:

1.1:2   2.2:3   3.3:4   4.3:5   5.none of these   [   ]

11. Out of 9 persons ,8 persons spent Rs.30 each for their meals.The ninth one spent Rs.20 more than the average expenditure of all the nine.The total money spent by all of them was: [   ]

1.260   2.290   3.292.50   4.400.50   5.none of these

12. The sum of the ages of 5 children born at the intervals of 3 years each is 50 years.What is the age of the youngest child?   [   ]

1.4years   2.8years   3.10years   4.12years   5.none of these

13. A father said to his son,"I was as old as you are at present at the time of your birth".If the father's age is 38 years now,the son's age five years back was: [   ]

1.14 years   2.19 years   3.33 years   4.can't be determined   5.none of these

14. A person was asked to state his age in years.His reply was,"Take my age three years hence,multiply it by 3 and then subtract three times my age three years ago and you will know how old I am".What was the age of the person?   [   ]

1.18 years   2.20 years   3.24 years   4.can't be determined   5.noneof these

15. In 10years ,A will be twice as old as B was 10 years ago.If A is now 9 years older than B,The present age of B is: [   ]

1.19 years   2.29 years   3.39 years   4.49 years   5.none of these

16. The sum of the ages of a father and son is 45 years.Five years ago,the product of their ages was four times the father's age at that time, then the present ages of the father and son :   [   ]

1.39,6   2.35,10   3.36,9   4.40,10   5.none of these

17. If the ages of P and R are added to twice the age of Q,the total becomes 59.If the ages of Q and R are added to thrice the age of P,the total becomes 68.And if the age of P is added to the thrice the age of Q and thrice the age of R,the total becomes 108.What is the age of P?   [   ]

1.15yrs   2.19yrs   3.17yrs   4.12yrs   5.none of these

18. A is 3 years younger to B.C is two years older than A.Then B's relation to C is: [   ]

1.2yrs older   2.1yr younger   3.1yr older   4.2yrs younger   5.none of these

19. A is 20 years older than B.He is also 6 times as old as B.Then the respective ages of A and B are:

1.24,4   2.42,7   3.30,5   4. 33,5   5.none of these [   ]

20. My brother is 3 years elder to me.My father was 28 years of age when my sister was born while my mother was 28 years of age when I was born.If my sister was 4 years of age when my brother was born ,then,what was the age of my father and mother respectively when my brother was born?   [   ]

1.32 yrs,23 yrs   2.32 yrs,29 yrs   3.35 yrs, 29 yrs   4.35 yrs,33 yrs   5.none of these

ET3_Key

1. Answer: Option **4**

2. Answer: Option **3**

3. Answer: Option **2**

4. Answer: Option **1**

5. Answer: Option **3**

6. Answer: Option **4**

7. Answer: Option **2**

8. Answer: Option **3**

9. Answer: Option **1**

10. Answer: Option **2**

11. Answer: Option **3**

12. Answer: Option **1**

13. Answer: Option **1**

14. Answer: Option **1**

15. Answer: Option **3**

16. Answer: Option **3**

17. Answer: Oprtion**4**

18. Answer: Option **3**

19. Answer: Option **1**

20. Answer: Option **1**