**Quantative Aptitude**

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| 1. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs? | |
| A. 6.25 | B. 5.5 |
| C. 7.4 | D. 5 |

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| 2. A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500? | |
| A. 4800 | B. 4991 |
| C. 5004 | D. 5000 |

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| 3. The average of 20 numbers is zero. Of them, How many of them may be greater than zero , at the most? | |
| A. 1 | B. 20 |
| C. 0 | D. 19 |

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| 4. 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. Find out the average age of the team. | |
| A. 23 years | B. 20 years |
| C. 24 years | D. 21 years |

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| 5. The average monthly income of A and B is Rs. 5050. The average monthly income of B and C is Rs. 6250 and the average monthly income of A and C is Rs. 5200. What is the monthly income of A? | |
| A. 2000 | B. 3000 |
| C. 4000 | D. 5000 |

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| 6. A car owner buys diesel at Rs.7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of diesel if he spends Rs. 4000 each year? | |
| A. Rs. 8 | B. Rs. 7.98 |
| C. Rs. 6.2 | D. Rs. 8.1 |

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| 7. In Kiran's opinion, his weight is greater than 65 kg but less than 72 kg. His brother does not agree with Kiran and he thinks that Kiran's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all are them are correct in their estimation, what is the average of different probable weights of Kiran? | |
| A. 70 kg | B. 69 kg |
| C. 61 kg | D. 67 kg |

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| 8. The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class. | |
| A. 48.55 | B. 42.25 |
| C. 50 | D. 51.25 |

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| 9. A library has an average of 510 visitors on Sundays and 240 on other days. What is the average number of visitors per day in a month of 30 days beginning with a Sunday? | |
| A. 290 | B. 304 |
| C. 285 | D. 270 |

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| 10. A student's mark was wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half 1/2. What is the number of students in the class? | | | | |
| A. 45 | | | | B. 40 |
| C. 35 | | | | D. 30 |

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| 11. A train is running at a speed of 40 km/hr and it crosses a post in 18 seconds. What is the length of the train? | | | |
| A. 190 metres | | | B. 160 metres |
| C. 200 metres | | | D. 120 metres |

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| 12. A train ,130 meters long travels at a speed of 45 km/hr crosses a bridge in 30 seconds. The length of the bridge is | |
| A. 270 m | B. 245 m |
| C. 235 m | D. 220 m |

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| 13. A train has a length of 150 meters . it is passing a man who is moving at 2 km/hr in the same direction of the train, in 3 seconds. Find out the speed of the train. | |
| A. 182 km/hr | B. 180 km/hr |
| C. 152 km/hr | D. 169 km/hr |

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| 14. A train having a length of 240 m passes a post in 24 seconds. How long will it take to pass a platform having a length of 650 m? | |
| A. 120 sec | B. 99 s |
| C. 89 s | D. 80 s |

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| 15. A train 360 m long runs with a speed of 45 km/hr. What time will it take to pass a platform of 140 m long? | |
| A. 38 sec | B. 35 s |
| C. 44 sec | D. 40 s |

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| 16. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively . If they cross each other in 23 seconds, what is the ratio of their speeds? | |
| A. Insufficient data | B. 3 : 1 |
| C. 1 : 3 | D. 3 : 2 |

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| 17. A jogger is running at 9 kmph alongside a railway track in 240 meters ahead of the engine of a 120 meters long train . The train is running at 45 kmph in the same direction. how much time does it take for the train to pass the jogger? | |
| A. 46 | B. 36 |
| C. 18 | D. 22 |

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| 18. Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. If the faster train passes the slower train in 36 seconds,what is the length of each train? | |
| A. 88 | B. 70 |
| C. 62 | D. 50 |

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| 19. Two trains having length of 140 m and 160 m long run at the speed of 60 km/hr and 40 km/hr respectively in opposite directions (on parallel tracks). The time which they take to cross each other, is | |
| A. 10.8 s | B. 12 s |
| C. 9.8 s | D. 8 s |

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| 20. Two trains are moving in opposite directions with speed of 60 km/hr and 90 km/hr respectively. Their lengths are 1.10 km and 0.9 km respectively. the slower train cross the faster train in --- seconds | |
| A. 56 | B. 48 |
| C. 47 | D. 26 |

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| 21. Out of 7 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed? | |
| A. 24400 | B. 21300 |
| C. 210 | D. 25200 |

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| 22. In a group of 6 boys and 4 girls, four children are to be selected. In how many different ways can they be selected such that at least one boy should be there? | |
| A. 159 | B. 209 |
| C. 201 | D. 212 |

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| 23. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done? | |
| A. 624 | B. 702 |
| C. 756 | D. 812 |

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| 24. In how many different ways can the letters of the word 'OPTICAL' be arranged so that the vowels always come together? | | | | | |
| A. 610 | | | | B. 720 | |
| C. 825 | | | | | D. 920 |

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| 25. In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together? | |
| A. 47200 | B. 48000 |
| C. 42000 | D. 50400 |

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| 26. In how many ways can a group of 5 men and 2 women be made out of a total of 7 men and 3 women? | |
| A. 1 | B. 126 |
| C. 63 | D. 64 |

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| 27. In how many different ways can the letters of the word 'MATHEMATICS' be arranged such that the vowels must always come together? | |
| A. 9800 | B. 100020 |
| C. 120960 | D. 140020 |

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| 28. There are 8 men and 10 women and you need to form a committee of 5 men and 6 women. In how many ways can the committee be formed? | |
| A. 10420 | B. 11 |
| C. 11760 | D. None of these |

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| 29. How many 3-letter words with or without meaning, can be formed out of the letters of the word, 'LOGARITHMS', if repetition of letters is not allowed? | |
| A. 720 | B. 420 |
| C. None of these | D. 5040 |

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| 30. In how many different ways can the letters of the word 'LEADING' be arranged such that the vowels should always come together? | |
| A. None of these | B. 720 |
| C. 420 | D. 122 |