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| --- | --- |
| Question | If P means ‘greater than (>)’; Q means ‘less than (<)’; R means ‘not greater than ( )’; S means ‘not less than ( )’ and T means ‘equal to (=)’, then consider the following statements : 1. If 2x(S)3y and 3x(T)4z, then 9y(P)8z.
2. If x(Q)2y and y(R)z, then x(R)z.

Which of the statements given above is/are correct ? |
| Type | multiple-choice |
| Option | 1 only |
| Option | 2 only |
| Option | Both 1 and 2 |
| Option | Neither 1 nor 2 |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | **If in a certain code, ‘ABCD’ is written as 24 and ‘EFGH’ is written as 1680, then how is ‘IJKL’ written in that code ?** |
| Type | multiple-choice |
| Option | 11880 |
| Option | 11240 |
| Option | 7920 |
| Option | 5940 |
| Answer | 1 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

|  |  |
| --- | --- |
| Question | If in a certain code, ‘POT’ is written as ATOP and ‘TRAP’ is written as APART, then how is ‘ARENA’ written in that code ? |
| Type | multiple-choice |
| Option | AARENA |
| Option | AANREA |
| Option | AANEAR |
| Option | AANERA |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | What will come in place of \* in the sequence 3, 14, 39, 84, \*, 258 ?  |
| Type | multiple-choice |
| Option | 150 |
| Option | 155 |
| Option | 160 |
| Option | 176 |
| Answer | 2 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | In some code, letters P, Q, R, S, T represent numbers 4, 5, 10, 12, 15. It is not known which letter represents which number. If Q – S = 2S and T = R + S + 3, then what is the value of P + R – T ? |
| Type | multiple-choice |
| Option | 1 |
| Option | 2 |
| Option | 3 |
| Option | Cannot be determined due to insufficient data |
| Answer | 2 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |