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| Question | Passage – 2  Now-a-days there is a growing trend to use interconnected home devices. As consumers increasingly network their homes, the connected home device manufacturers and service providers will seek to overcome “thin profit margins by gathering more of our personal data—with or without our agreement—turning the home into a corporate storefront”. Corporate marketers will have powerful incentives to observe consumer behaviour to understand the buying needs and preferences of the device owners.  Which one of the following statements best reflects the most logical, rational and practical message implied by the passage ? |
| Type | multiple-choice |
| Option | Knowledge of consumer behaviour leads to more capital expenditure in manufacturing sector. |
| Option | Knowledge of consumer behaviour stimulates the growth of commerce and trade and thus helps in the overall economic development of the country. |
| Option | Interconnected devices give a lot of comfort to home users and improve the overall quality of life. |
| Option | Interconnected devices can be at security risk and home users may have privacy risk. |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | Passage – 3  Green growth involves rethinking growth strategies with regard to the impacts on environmental sustainability and the environmental resources available to poor and vulnerable groups. In rethinking growth, we need to focus on the current reality of a resource-constrained world. Resource intensive and, in particular energy intensive processes will need to make way for more efficient and resource frugal development strategies if we are to avoid an economic dead end or a world in which only a small elite is able to enjoy affluence in the midst of a sea of poverty.  Which one of the following statements best reflects the crux of the above passage ? |
| Type | multiple-choice |
| Option | Environmental sustainability is inimical to our objective of achieving a high rate of GDP growth. |
| Option | Poverty eradication is not possible without a rapid economic growth and the consequent environmental degradation. |
| Option | Maintaining high environmental standards is now a prerequisite for achieving a steady, sufficient and inclusive growth. |
| Option | With large populations, rampant poverty and limited resources of today’s world, environmental degradation cannot be prevented and inequalities are inevitable. |
| Answer | 3 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  Question: What are the unique values of x and y, where x, y are distinct natural numbers ?  Statement-1: x/y is odd.  Statement-2: xy = 12.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 3 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  A certain amount was distributed among X, Y and Z.  Question: Who received the least amount ?  Statement-1: X received 4/5 of what Y and Z together received.  Statement-2: Y received 2/7 of what X and Z together received.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 3 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  Question: If the average marks in a class are 60, then what is the number of students in the class ?  Statement-1: The highest marks in the class are 70 and the lowest marks are 50.  Statement-2: Exclusion of highest and lowest marks from the class does not change the average.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  There are three distinct prime numbers whose sum is a prime number.  Question: What are those three numbers ?  Statement-1: Their sum is less than 23.  Statement-2: One of the numbers is 5.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 1 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  Question: Is (x + y) an integer ?  Statement-1: (2x + y) is an integer.  Statement-2: (x + 2y) is an integer.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  A person buys three articles p, q and r for Rs. 50. The price of the article q is Rs. 16 which is the least.  Question: What is the price of the article p ?  Statement-1: The cost of p is not more than that of r.  Statement-2: The cost of r is not more than that of p.  **Which one of the following is correct in respect of the above Question and the Statements ?** |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 3 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  P, Q, R and S appeared in a test.  Question: Has P scored more marks than Q ?  Statement-1: The sum of the marks scored by P and Q is equal to the sum of the marks scored by R and S.  Statement-2: The sum of the marks scored by P and S is more than the sum of the marks scored by Q and R.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | Directions for the following 2 (two) items :  Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.  Passage - 1  Unlike religion and science, poetry does not posit or expect any belief in absolute truths. Those forces or individuals who claim to have absolute truths in their grasp tend to turn dictatorial and tyrannical. Truth usually does not admit any contradictions or imperfections. It is unitarian. It is, therefore, not of much use for poetry. Poetry abides by the plurality of life and existence. Perhaps poetry follows reality which is plural, anachronistic, full of contradictions. Against the tyranny of truth, poetry remains a partisan of democratic reality.  Against the arrogance of power, wealth and hierarchy, poetry proposes both humility and defiance.  Which one of the following statements best reflects the most logical and rational message conveyed by the above passage ? |
| Type | multiple-choice |
| Option | It is the poetry, not science or religion, which recognizes and accepts imperfections in humans. |
| Option | Truth is revealed through science or religion and poetry is anathema to truth. |
| Option | Poetry is romantic, imaginary and is about feeling whereas science and religion are about truth. |
| Option | In a world of violence, tyranny and bigotry, poetry is a form of dynamic resistance. |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | Passage - 2  The flower was not invented to please us. It flaunted its petals and spread its perfume to attract an insect. The insect carries the pollen from flower to flower so that pollen is not carried away by wind and thus not wasted. What we call a flower's beauty is merely a by-product and a human invention. The perfume is not there to please us, it pleases us because it is there and we have been conditioned to it.  Based on the above passage, the following assumptions have been made :   1. The author of the passage believes that flowers are creations of Nature’s luxury. 2. The author of the passage does not believe in the usefulness of flowers except as things of beauty.   Which of the assumptions given above is/are valid ? |
| 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 | A Question is given followed by two Statements 1 and 2. Consider the Question and the Statements.  Age of each of P and Q is less than 100 years but more than 10 years. If you interchange the digits of the age of P, the number represents the age of Q.  Question: What is the difference of their ages ?  Statement-1: The age of P is greater than the age of Q.  Statement-2: The sum of their ages is 11/6 times their difference.  Which one of the following is correct in respect of the above Question and the Statements ? |
| Type | multiple-choice |
| Option | The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone. |
| Option | The Question can be answered by using either Statement alone. |
| Option | The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone. |
| Option | The Question cannot be answered even by using both the Statements together. |
| Answer | 1 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | A Main Statement is followed by four Statements labelled P, Q, R and S. Choose the ordered pair of the Statements where the first Statement implies the second, and the two Statements are logically consistent with the Main Statement.  Main Statement : Pradeep becomes either a Director or a Producer.  Statement P: Pradeep is a Director.  Statement Q: Pradeep is a Producer.  Statement R: Pradeep is not a Director.  Statement S: Pradeep is not a Producer.  Select the correct answer. |
| Type | multiple-choice |
| Option | SP only |
| Option | RQ only |
| Option | Both SP and RQ |
| Option | Neither SP nor RQ |
| Answer | 3 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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| Question | If a + b means a – b; a – b means a × b; a × b means a 􀁹 b; a 􀁹 b means a + b; then what is the value of 10 + 30 – 100 × 50 􀁹 25 ? (Operations are to be replaced simultaneously) |
| Type | multiple-choice |
| Option | 15 |
| Option | 0 |
| Option | -15 |
| Option | -25 |
| Answer | 4 |
| Solution |  |
| Positive Marks | 2.5 |
| Negative Marks | 0.83 |

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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 |

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| 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 |