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| SUCCESS KEY TEST SERIES | | |
| Chapter Test No - 1 | | |
| Std: VIII (E.M) | Subject: English(First Language) | Time: 1Hrs |
| Date : | 1.1 A Time to Belive | Max Marks: 30 |

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| **Q1** | **Choose the correct alternative and rewrite the statements:** | **5** |
|  | 1. The value of G was first experimentally measured by \_\_\_\_\_\_\_\_\_\_\_\_. (a) Henry Cavendish. (b) Hund (c) Sir Isaac Newton (d) Thomson |  |
|  | 2. \_\_\_\_\_\_\_\_\_ is necessary to change the speed as well as the direction of motion of an object. (a) Mass (b) Weight (c) Force (d) Acceleration |  |
|  | 3. The sum of the distances to the two focal points from every point on the curve is \_\_\_\_\_\_\_\_\_. (a) constant (b) keep changing (c) gradually decreases (d) first decreses then increases |  |
|  | 4. \_\_\_\_\_\_\_\_\_ was a German astronomer and mathematician. (a) Sir Issac Newton (b) John Newlands (c) Albert Einstein (d) Johannes Kepler |  |
|  | 5. The object tries to go towards the centre of the circle because of \_\_\_\_\_\_\_\_\_ force. (a) centripetal (b) centrifugal (c) gravitational (d) magnetic |  |

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| **Q2** | **Find odd one out:** | **5** |
|  | 1. Mass, potential energy, radius, weight |  |
|  | 2. Boron, Silicon, Arsenic, Sodium. |  |
|  | 3. Light, sound, heat, laws of planetary motion |  |
|  | 4. Lithium, Sodium, Iodine, Potassium. |  |
|  | 5. Carbon, Nitrogen, Oxygen, Sulphur. |  |

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| **Q3** | **Write the correct co-relation:** | **5** |
|  | 1. Formation of gas: ↑ :: Formation of precipitate : \_\_\_\_\_\_\_\_\_\_ . |  |
|  | 2. Fluorine : \_\_\_\_\_\_\_ :: Chlorine : third period. |  |
|  | 3. G: 6.67 x 10¯¹¹ Nm²/kg²::g: --------- |  |
|  | 4. Tellurium : \_\_\_\_\_\_\_\_\_ :: Radium : Metal. |  |
|  | 5. Newlands: Octaves :: \_\_\_\_\_\_\_\_\_\_ : Triads. |  |

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| **Q4** | **State whether True or False.** | **5** |
|  | 1. The home electrical connection consists of ‘live’, ‘neutral’ and ‘power’ wires. |  |
|  | 2. Newlands fitted all the known elements in a table of 7 x 8 that is 56 boxes. |  |
|  | 3. The unit of electric power 1W is a very small unit, hence 1000 W or 1 kW is used as a unit to measure electric power. |  |
|  | 4. The weight on the moon is nearly 1/6th of the weight on the earth. |  |
|  | 5. The groups 13 to 18 constitute the p-block. |  |

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| **Q5** | **Name the following:** | **5** |
|  | 1. Amount of matter present in an object. |  |
|  | 2. Name the gas formed when copper reacts with concentrated nitric acid. |  |
|  | 3. The group with valency zero. |  |
|  | 4. The atom having the smallest size. |  |
|  | 5. The family of metals having valency one. |  |