INDIAN SCHOOL MUSCAT

| NAME OF THE <br> EXAMINATION | FIRST PERIODIC TEST | CLASS: IX |
| :--- | :--- | :--- |
| DATE OF EXAMINATION | $30-06-2022$ | SUBJECT: Science |
| TYPE- Set-A | MARKING SCHEME |  |


| SET | Q.NO | VALUE POINTS | MARK |
| :---: | :---: | :---: | :---: |
|  | 1 | The SI unit of retardation is $\mathrm{m} / \mathrm{s}^{2}$. | 1 |
|  | 2 | Velocity of a body is defined as its displacement per unit time. SI unit of velocity is $\mathrm{m} / \mathrm{s}$. | $1 / 2+1 / 2$ |
|  | 3 | A body has a uniform velocity if it travels in a specified direction in a straight line and moves over equal distances in equal intervals of time, no matter how small these time intervals may be. <br> NOTE- If any one direction or moves over equal distances in equal intervals of time is missing- deduct $1 / 2$ mark | $1 / 2+1 / 2$ |
|  | 4 | Distance: <br> I. The length of path covered by a moving object on a plane is called distance. <br> II. The SI unit is meter (m). <br> III. It is a scalar quantity <br> Displacement: <br> I. The shortest distance from initial position of an object to its final position is called displacement. <br> II. The SI unit is meter (m). <br> III. It is a vector quantity <br> NOTE- ANY TWO DIFFERENCES | $1+1$ |
|  | 5 | Speed of Bus $X=360 / 5=72 \mathrm{kmph}$. <br> Speed of Bus $Y=476 / 7=68 \mathrm{kmph}$. <br> So, from the above calculation, Bus X travels faster than Bus Y . | $1+1$ |
|  | 6 | D | 1 |
|  | 7 | TRUE | 1 |


| 8 | SOILD MIXTURE (OR) MIXTURE OF METAL AND METAL (OR) <br> MIXTURE OF METAL AND NON METAL | 1 |  |
| :--- | :--- | :--- | :--- |
| 9 | (I) $\quad$MASS BY MASS PERCENTAGE <br> MASS OF SOLUTE / MASS OF SOLUTION X100 (1/2) <br> $40 / 400 ~ X 100=10 ~ P E R C E N T A G E ~$ <br> $(1 / 2)$ <br> (II) Amount of solute present in the saturated solution at a given <br> temperature ( 1) | 2 |  |
|  | 10 | Each difference carries one mark | 2 |
| 12 | Robert Hooke. | 1 |  |
| 13 | Example. | 1 |  |
|  | 14 | Name points. | $1+1$ |

