| S.N | Folder | Topic | Question With Answers Options | Image ( If Any ) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number \& |  |  | Correct <br> Answer <br> (Option <br> Code |  |
|  |  |  | A, B, |  |  |
| C, D ) |  |  |  |  |  |





| 5. | 1_3 <br> SCIENCE $7354$ | HEAT | The question is based on this experiment: Two identical vessels are taken and painted white and black respectively. Then the same quantity of water is poured into each one of them. Both the vessels are left in the sun, and the temperature is noted regularly. <br> The water is which vessel is likely to get hotter and why? |  |  | B |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Answer Options |  |  |  |  |
|  |  | Opti | ( | Option B | Option C | Option D |
|  |  | The refle | hite vessel as white more heat than black. | The black vessel as black absorbs more heat than white | The white vessel as white absorbs more heat than black. | It will be same in both vessel as the material is the same. |



| 8. | $\begin{aligned} & \text { 1_3 SCIENCE } \\ & 7329 \end{aligned}$ | HEAT <br> 3 ice cub <br> surfac <br> the cub <br> melted <br> condu | 3 ice cubes of similar shape and size were kept on three different surfaces - glass, copper and concrete. The first to completely melt was the cube on the copper surface, while the one on the glass surface melted last. Arrange Copper, Glass and Concrete from WORST heat conductor to BEST. |  |  |  | B |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Answer Options |  |  |  |  |  |
|  |  | Option A | Option B | Option C |  | Option D |  |
|  |  | copper, glass, concrete | glass, concrete, copper | copper, concrete, glass |  | concrete, copper, glass |  |
| 9. | 3_17 <br> Science $1505$ | HeatThe structure shown here is called a greenhouse. <br> Greenhouses have glass panels that let in light but keep <br> heat from escaping. In which regions would greenhouses <br> of this type be used to grow plants? |  |  |  |  | A |
|  |  | Answer Options |  |  |  |  |  |
|  |  | Option A | Option B | Option C |  | Option D |  |
|  |  | Regions that are very cold | Regions that are very hot | Regions that are very humid |  | Regions that are very dry |  |




| 15. | $\begin{gathered} \hline \text { 3_15 Science } \\ 3576 \end{gathered}$ | Heat | In which of these following cases is energy released? |  |  | B |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
|  |  | Answer Options |  |  |  |  |
|  |  | Option A | Option B | Option C | Option D |  |
|  |  | when water is boiled | when wood is burned | when an object is dropped | when a plant makes food |  |

