

## SET 2-VIII-SCIENCE

| S.N                                                                                                                                                                                                                                                                                                                        | Folder Number & Question Code                | Topic                                          | Question With Answers Options                                                                                                                  | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------|--|--|----------|----------|----------|----------|-----------------------|----------------------------------------------|----------------------------------------|--------------------------------|--|--|
| 1.                                                                                                                                                                                                                                                                                                                         | 2_9<br>Science<br><br>5005                   | Chapter 2<br>Micro organisms-<br>Friend or Foe | Anusha observed some green patches on an orange peel she had thrown into the dustbin three days earlier. This green patch is most likely to be |                  | C                                      |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>A kind of bacteria</td><td>A kind of algae</td><td>A kind of fungus</td><td>A kind of virus</td></tr></table>                                                                      |                                              |                                                |                                                                                                                                                | Answer Options   |                                        |  |  | Option A | Option B | Option C | Option D | A kind of bacteria    | A kind of algae                              | A kind of fungus                       | A kind of virus                |  |  |
| Answer Options                                                                                                                                                                                                                                                                                                             |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| Option A                                                                                                                                                                                                                                                                                                                   | Option B                                     | Option C                                       | Option D                                                                                                                                       |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| A kind of bacteria                                                                                                                                                                                                                                                                                                         | A kind of algae                              | A kind of fungus                               | A kind of virus                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| S.N                                                                                                                                                                                                                                                                                                                        | Folder Number & Question Code                | Topic                                          | Question With Answers Options                                                                                                                  | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| 2.                                                                                                                                                                                                                                                                                                                         | 2_9<br>Science<br><br>5018                   | Chapter 2<br>Micro organisms-<br>Friend or Foe | Animals are made up of many atoms. What happens to the atoms after an animal has died?                                                         |                  | B                                      |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
|                                                                                                                                                                                                                                                                                                                            |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
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| Answer Options                                                                                                                                                                                                                                                                                                             |                                              |                                                |                                                                                                                                                |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| Option A                                                                                                                                                                                                                                                                                                                   | Option B                                     | Option C                                       | Option D                                                                                                                                       |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |
| The atoms stop moving                                                                                                                                                                                                                                                                                                      | The atoms recycle back into the environment. | The atoms split into simpler parts and         | The atoms no longer exist once                                                                                                                 |                  |                                        |  |  |          |          |          |          |                       |                                              |                                        |                                |  |  |

## SET 2-VIII-SCIENCE

|                                                                                                                                                                                               |                               |                                                |                                                                                                                                                                        |                                   |                           |                                        |          |          |          |     |      |            |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------|----------------------------------------|----------|----------|----------|-----|------|------------|-----------|
|                                                                                                                                                                                               |                               |                                                |                                                                                                                                                                        | then combine to form other atoms. | the animal has decomposed |                                        |          |          |          |     |      |            |           |
| S.N                                                                                                                                                                                           | Folder Number & Question Code | Topic                                          | Question With Answers Options                                                                                                                                          | Image ( If Any )                  |                           | Correct Answer ( Option – A, B, C, D ) |          |          |          |     |      |            |           |
| 3.                                                                                                                                                                                            | 2_9 Science<br><br>5045       | Chapter 2<br>Micro organisms-<br>Friend or Foe | Anthrax is a type of fever caused by bacteria in all warm-blooded animals. From the list below, choose the one animal that cannot be affected by anthrax.              |                                   |                           | D                                      |          |          |          |     |      |            |           |
|                                                                                                                                                                                               |                               |                                                |                                                                                                                                                                        |                                   |                           |                                        |          |          |          |     |      |            |           |
|                                                                                                                                                                                               |                               |                                                |                                                                                                                                                                        |                                   |                           |                                        |          |          |          |     |      |            |           |
|                                                                                                                                                                                               |                               |                                                |                                                                                                                                                                        |                                   |                           |                                        |          |          |          |     |      |            |           |
| <div>Answer Options</div> <table><tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr><tr><td>cow</td><td>Goat</td><td>Polar bear</td><td>crocodile</td></tr></table> |                               |                                                |                                                                                                                                                                        |                                   |                           | Option A                               | Option B | Option C | Option D | cow | Goat | Polar bear | crocodile |
| Option A                                                                                                                                                                                      | Option B                      | Option C                                       | Option D                                                                                                                                                               |                                   |                           |                                        |          |          |          |     |      |            |           |
| cow                                                                                                                                                                                           | Goat                          | Polar bear                                     | crocodile                                                                                                                                                              |                                   |                           |                                        |          |          |          |     |      |            |           |
| S.N                                                                                                                                                                                           | Folder Number & Question Code | Topic                                          | Question With Answers Options                                                                                                                                          | Image ( If Any )                  |                           | Correct Answer ( Option – A, B, C, D ) |          |          |          |     |      |            |           |
| 4.                                                                                                                                                                                            | 2_9 Science<br><br>6112       | Chapter 2<br>Micro organisms-<br>Friend or Foe | Osmanagar lake near Hyderabad, is a source of drinking water for the city. If the water is tested for bacterial content and found to have an elevated <i>E. coli</i> . |                                   |                           | C                                      |          |          |          |     |      |            |           |

## SET 2-VIII-SCIENCE

|                             |                                                            |                                                                                                                                                                                                                                                                                                                                              | coli count, this might mean that                                                                                                                                                                                                                             |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
|-----------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------|----------------|--|--|--|----------|----------|----------|----------|-----------------------------|------------------------------------------------------------|-----------------------------------|-----------------------------------|
|                             |                                                            | <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>the water is safe to drink.</td><td>the food chain has been extended to the microscopic level.</td><td>sewage may be entering the water.</td><td>the oxygen level is below normal.</td></tr></table> |                                                                                                                                                                                                                                                              |                  |                                        | Answer Options |  |  |  | Option A | Option B | Option C | Option D | the water is safe to drink. | the food chain has been extended to the microscopic level. | sewage may be entering the water. | the oxygen level is below normal. |
| Answer Options              |                                                            |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
| Option A                    | Option B                                                   | Option C                                                                                                                                                                                                                                                                                                                                     | Option D                                                                                                                                                                                                                                                     |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
| the water is safe to drink. | the food chain has been extended to the microscopic level. | sewage may be entering the water.                                                                                                                                                                                                                                                                                                            | the oxygen level is below normal.                                                                                                                                                                                                                            |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
| S.N                         | Folder Number & Question Code                              | Topic                                                                                                                                                                                                                                                                                                                                        | Question With Answers Options                                                                                                                                                                                                                                | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
| 5.                          | 2_10<br>Science<br><br>4228                                | Chapter 2<br>Micro organisms-<br>Friend or Foe                                                                                                                                                                                                                                                                                               | The figure below shows the concentration of oxygen, the number of bacteria and the number of fish in a river over a distance of 30 km measured from a point P. (P is a point upstream from a source of pollution.) At what place has the river got polluted? |                  | C                                      |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
|                             |                                                            | <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>A</td><td>B</td><td>C</td><td>D</td></tr></table>                                                                                                                                                    |                                                                                                                                                                                                                                                              |                  |                                        | Answer Options |  |  |  | Option A | Option B | Option C | Option D | A                           | B                                                          | C                                 | D                                 |
| Answer Options              |                                                            |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
| Option A                    | Option B                                                   | Option C                                                                                                                                                                                                                                                                                                                                     | Option D                                                                                                                                                                                                                                                     |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |
| A                           | B                                                          | C                                                                                                                                                                                                                                                                                                                                            | D                                                                                                                                                                                                                                                            |                  |                                        |                |  |  |  |          |          |          |          |                             |                                                            |                                   |                                   |

## SET 2-VIII-SCIENCE

| S.N                                                                                                                                                                                                                      | Folder Number & Question Code | Topic                                          | Question With Answers Options                                                                    | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |  |  |          |          |          |          |             |             |        |         |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|----------------------------------------|--|--|----------|----------|----------|----------|-------------|-------------|--------|---------|--|
| 6.                                                                                                                                                                                                                       | 0_0<br>Science<br><br>9123    | Chapter 2<br>Micro organisms-<br>Friend or Foe | Which of the following diseases is spread by both contaminated food and contaminated water?      |                  | D                                      |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
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| Answer Options                                                                                                                                                                                                           |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
| Option A                                                                                                                                                                                                                 | Option B                      | Option C                                       | Option D                                                                                         |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
| Common cold                                                                                                                                                                                                              | Chicken pox                   | Rabies                                         | Typhoid                                                                                          |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
| S.N                                                                                                                                                                                                                      | Folder Number & Question Code | Topic                                          | Question With Answers Options                                                                    | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |  |  |          |          |          |          |             |             |        |         |  |
| 7.                                                                                                                                                                                                                       | 2_10<br>Science<br><br>4190   | Chapter 2<br>Micro organisms-<br>Friend or Foe | A carpenter cut his finger while using a slightly rusted chisel. Which injection should he take? |                  | B                                      |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
|                                                                                                                                                                                                                          |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
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| Answer Options                                                                                                                                                                                                           |                               |                                                |                                                                                                  |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |
| Option A                                                                                                                                                                                                                 | Option B                      | Option C                                       | Option D                                                                                         |                  |                                        |  |  |          |          |          |          |             |             |        |         |  |

## SET 2-VIII-SCIENCE

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|----------------------------------------|----------|----------|----------|----------------------------|----------------------------|-------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                          |                               | <div>Anti rabies</div>                         |                                                                                                                                                                                                                                      | <div>Anti tetanus</div> | <div>BCG</div> | <div>None of the above</div>           |          |          |          |                            |                            |                                     |                                |
|                                                                                                                                                                                                                                                                                          |                               |                                                |                                                                                                                                                                                                                                      |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
| S.N                                                                                                                                                                                                                                                                                      | Folder Number & Question Code | Topic                                          | Question With Answers Options                                                                                                                                                                                                        | Image ( If Any )        |                | Correct Answer ( Option – A, B, C, D ) |          |          |          |                            |                            |                                     |                                |
| 8.                                                                                                                                                                                                                                                                                       | 0_0<br>Science<br><br>9092    | Chapter 2<br>Micro organisms-<br>Friend or Foe | BIOLOGICAL CONTROL is term used to describe the use of living organisms, such as predators, parasitoids, and pathogens, to control pest insects, weeds or diseases. which among the following is an example of a biological control? |                         |                | A                                      |          |          |          |                            |                            |                                     |                                |
|                                                                                                                                                                                                                                                                                          |                               |                                                |                                                                                                                                                                                                                                      |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
|                                                                                                                                                                                                                                                                                          |                               |                                                |                                                                                                                                                                                                                                      |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
|                                                                                                                                                                                                                                                                                          |                               |                                                |                                                                                                                                                                                                                                      |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
|                                                                                                                                                                                                                                                                                          |                               |                                                |                                                                                                                                                                                                                                      |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
| <div>Answer Options</div> <table><tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr><tr><td>a cat to kill mice at home</td><td>pesticides to kill insects</td><td>medicine to poison food of the pest</td><td>Scarecrows to scare away birds</td></tr></table> |                               |                                                |                                                                                                                                                                                                                                      |                         |                | Option A                               | Option B | Option C | Option D | a cat to kill mice at home | pesticides to kill insects | medicine to poison food of the pest | Scarecrows to scare away birds |
| Option A                                                                                                                                                                                                                                                                                 | Option B                      | Option C                                       | Option D                                                                                                                                                                                                                             |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
| a cat to kill mice at home                                                                                                                                                                                                                                                               | pesticides to kill insects    | medicine to poison food of the pest            | Scarecrows to scare away birds                                                                                                                                                                                                       |                         |                |                                        |          |          |          |                            |                            |                                     |                                |
| S.N                                                                                                                                                                                                                                                                                      | Folder Number & Question Code | Topic                                          | Question With Answers Options                                                                                                                                                                                                        | Image ( If Any )        |                | Correct Answer ( Option – A, B, C, D ) |          |          |          |                            |                            |                                     |                                |
| 9.                                                                                                                                                                                                                                                                                       | 2_9                           | Chapter 2                                      | Which of these precautions                                                                                                                                                                                                           |                         |                | D                                      |          |          |          |                            |                            |                                     |                                |

## SET 2-VIII-SCIENCE

|                                                                                                                                                                                                                                                                                                                                                      | SCIENCE<br>6090                       | MICROORGANISMS<br>– FRIEND OR FOE                                                                                                                                                                                             | is NOT relevant to prevent malaria?                       |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------|----------------------------------------|----------------|--|--|--|----------|----------|----------|----------|------------------------------------------|---------------------------------------|---------------------------------------------|-----------------------------------------|
| <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>Pouring a layer of oil on water puddles.</td><td>Keeping all water containers covered.</td><td>Covering ourselves properly while sleeping.</td><td>Washing vegetables before cooking them.</td></tr></table> |                                       |                                                                                                                                                                                                                               |                                                           |                  |                                        | Answer Options |  |  |  | Option A | Option B | Option C | Option D | Pouring a layer of oil on water puddles. | Keeping all water containers covered. | Covering ourselves properly while sleeping. | Washing vegetables before cooking them. |
| Answer Options                                                                                                                                                                                                                                                                                                                                       |                                       |                                                                                                                                                                                                                               |                                                           |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| Option A                                                                                                                                                                                                                                                                                                                                             | Option B                              | Option C                                                                                                                                                                                                                      | Option D                                                  |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| Pouring a layer of oil on water puddles.                                                                                                                                                                                                                                                                                                             | Keeping all water containers covered. | Covering ourselves properly while sleeping.                                                                                                                                                                                   | Washing vegetables before cooking them.                   |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| S.N                                                                                                                                                                                                                                                                                                                                                  | Folder Number & Question Code         | Topic                                                                                                                                                                                                                         | Question With Answers Options                             | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| 10.                                                                                                                                                                                                                                                                                                                                                  | 1_3<br>SCIENCE<br>6690                | Chapter 2<br>MICROORGANISMS<br>– FRIEND OR FOE                                                                                                                                                                                | Which of these is made with the help of bacteria?         |                  | A                                      |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
|                                                                                                                                                                                                                                                                                                                                                      |                                       | <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>curd (dahi in Hindi)</td><td>cream</td><td>soap</td><td>cooking oil</td></tr></table> |                                                           |                  |                                        | Answer Options |  |  |  | Option A | Option B | Option C | Option D | curd (dahi in Hindi)                     | cream                                 | soap                                        | cooking oil                             |
|                                                                                                                                                                                                                                                                                                                                                      |                                       | Answer Options                                                                                                                                                                                                                |                                                           |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
|                                                                                                                                                                                                                                                                                                                                                      |                                       | Option A                                                                                                                                                                                                                      | Option B                                                  | Option C         | Option D                               |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| curd (dahi in Hindi)                                                                                                                                                                                                                                                                                                                                 | cream                                 | soap                                                                                                                                                                                                                          | cooking oil                                               |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
|                                                                                                                                                                                                                                                                                                                                                      |                                       |                                                                                                                                                                                                                               |                                                           |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
|                                                                                                                                                                                                                                                                                                                                                      |                                       |                                                                                                                                                                                                                               |                                                           |                  |                                        |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| S.N                                                                                                                                                                                                                                                                                                                                                  | Folder Number & Question Code         | Topic                                                                                                                                                                                                                         | Question With Answers Options                             | Image ( If Any ) | Correct Answer ( Option – A, B, C, D ) |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |
| 11.                                                                                                                                                                                                                                                                                                                                                  | 2_9<br>Science                        | Chapter 2<br>MICROORGANISMS:<br>FRIENDS AND FOE                                                                                                                                                                               | Do animals suffer from diseases like malaria and typhoid? |                  | B                                      |                |  |  |  |          |          |          |          |                                          |                                       |                                             |                                         |

## SET 2-VIII-SCIENCE

|                                 | 6059                                 | <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>Yes, exactly like human beings.</td><td>Yes, but the diseases are different.</td><td>Domestic animals do, not wild animals.</td><td>No, animals do not suffer from diseases.</td></tr></table> |                                                                                                                   |                                                                                                                                                                                                                                                             |               | Answer Options        |        |           |       | Option A  | Option B | Option C       | Option D | Yes, exactly like human beings. | Yes, but the diseases are different. | Domestic animals do, not wild animals. | No, animals do not suffer from diseases. |
|---------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|--------|-----------|-------|-----------|----------|----------------|----------|---------------------------------|--------------------------------------|----------------------------------------|------------------------------------------|
| Answer Options                  |                                      |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Option A                        | Option B                             | Option C                                                                                                                                                                                                                                                                                                                               | Option D                                                                                                          |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Yes, exactly like human beings. | Yes, but the diseases are different. | Domestic animals do, not wild animals.                                                                                                                                                                                                                                                                                                 | No, animals do not suffer from diseases.                                                                          |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| 12.                             | 2_10<br>Science<br>4155              | Chapter 2<br>MICROORGANISMS:<br>FRIENDS AND FOE                                                                                                                                                                                                                                                                                        | Polio is caused by                                                                                                |                                                                                                                                                                                                                                                             | A             |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
|                                 |                                      | <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>Virus</td><td>Fungi</td><td>Bacteria</td><td>Protozoa</td></tr></table>                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               | Answer Options        |        |           |       | Option A  | Option B | Option C       | Option D | Virus                           | Fungi                                | Bacteria                               | Protozoa                                 |
| Answer Options                  |                                      |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Option A                        | Option B                             | Option C                                                                                                                                                                                                                                                                                                                               | Option D                                                                                                          |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Virus                           | Fungi                                | Bacteria                                                                                                                                                                                                                                                                                                                               | Protozoa                                                                                                          |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| 13.                             | 2_10<br>Science<br>4196              | Chapter 4<br>Metals and Non metals                                                                                                                                                                                                                                                                                                     | In the table given below is the composition of a few alloys. Which of these metal alloys does not contain copper? | <table><tr><th>Name of alloy</th><th>Elements in the alloy</th></tr><tr><td>Bronze</td><td>Cu and Zn</td></tr><tr><td>Brass</td><td>Sn and Cu</td></tr><tr><td>Pewter</td><td>Pb, Sb, Sn, Cu</td></tr><tr><td>Steel</td><td>Fe, Cr, Mn, C</td></tr></table> | Name of alloy | Elements in the alloy | Bronze | Cu and Zn | Brass | Sn and Cu | Pewter   | Pb, Sb, Sn, Cu | Steel    | Fe, Cr, Mn, C                   | D                                    |                                        |                                          |
| Name of alloy                   | Elements in the alloy                |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Bronze                          | Cu and Zn                            |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Brass                           | Sn and Cu                            |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Pewter                          | Pb, Sb, Sn, Cu                       |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Steel                           | Fe, Cr, Mn, C                        |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
|                                 |                                      | <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>Brass</td><td>Bronze</td><td>Pewter</td><td>Steel</td></tr></table>                                                                                                                            |                                                                                                                   |                                                                                                                                                                                                                                                             |               | Answer Options        |        |           |       | Option A  | Option B | Option C       | Option D | Brass                           | Bronze                               | Pewter                                 | Steel                                    |
| Answer Options                  |                                      |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Option A                        | Option B                             | Option C                                                                                                                                                                                                                                                                                                                               | Option D                                                                                                          |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |
| Brass                           | Bronze                               | Pewter                                                                                                                                                                                                                                                                                                                                 | Steel                                                                                                             |                                                                                                                                                                                                                                                             |               |                       |        |           |       |           |          |                |          |                                 |                                      |                                        |                                          |

## SET 2-VIII-SCIENCE

| S.N                                                                                                                                                                                                                     | Folder Number & Question Code | Topic                           | Question With Answers Options                                                                                                                                                                                                                     | Image ( If Any )                                                                                                                                                                                                                                 |                                |                              |                            | Correct Answer ( Option – A, B, C, D ) |                |          |          |             |             |                   |                 |        |   |         |    |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------|----------------------------|----------------------------------------|----------------|----------|----------|-------------|-------------|-------------------|-----------------|--------|---|---------|----|---|
| 14.                                                                                                                                                                                                                     | 2_9 Science 5013              | Chapter 4 Metals and Non metals | Listed here is the reactivity of certain metals. Which of the above metals are likely be obtained in their pure states from the earth's crust?                                                                                                    | Metal                                                                                                                                                                                                                                            | Reaction with air              | Reaction with water          | Reaction with dilute acids | C                                      |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   | Gold                                                                                                                                                                                                                                             | Does not oxidize or burn       | No reaction                  | No reaction                |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   | Sodium                                                                                                                                                                                                                                           | Burns vigorously to form oxide | Violent reaction             | Violent reaction           |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   | Zinc                                                                                                                                                                                                                                             | Burns to form oxides           | Reacts on heating with water | Reacts to produce hydrogen |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   | Platinum                                                                                                                                                                                                                                         | Does not oxidize or burn       | No reaction                  | No reaction                |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
| <div>Answer Options</div> <table><tr><td>Option A</td><td>Option B</td><td>Option C</td><td>Option D</td></tr><tr><td>gold only</td><td>Sodium only</td><td>Gold and platinum</td><td>Zinc and sodium</td></tr></table> |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | Option A                               | Option B       | Option C | Option D | gold only   | Sodium only | Gold and platinum | Zinc and sodium |        |   |         |    |   |
| Option A                                                                                                                                                                                                                | Option B                      | Option C                        | Option D                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
| gold only                                                                                                                                                                                                               | Sodium only                   | Gold and platinum               | Zinc and sodium                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
| S.N                                                                                                                                                                                                                     | Folder Number & Question Code | Topic                           | Question With Answers Options                                                                                                                                                                                                                     | Image ( If Any )                                                                                                                                                                                                                                 |                                |                              |                            | Correct Answer ( Option – A, B, C, D ) |                |          |          |             |             |                   |                 |        |   |         |    |   |
| 15.                                                                                                                                                                                                                     | 2_9 Science 5012              | Chapter 4 Metals and Non metals | Given here is a table that shows the hardness of certain objects. When two objects are rubbed against each other, the one with a higher hardness value usually makes a mark or scratch on the one with the lower hardness value.On which of these | <table><tr><th>OBJECT</th><th>HARDNESS VALUE</th></tr><tr><td>TALC</td><td>1</td></tr><tr><td>FINGER NAIL</td><td>2.2</td></tr><tr><td>BLADE</td><td>5.5</td></tr><tr><td>QUARTZ</td><td>7</td></tr><tr><td>diamond</td><td>10</td></tr></table> |                                |                              |                            | OBJECT                                 | HARDNESS VALUE | TALC     | 1        | FINGER NAIL | 2.2         | BLADE             | 5.5             | QUARTZ | 7 | diamond | 10 | D |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | OBJECT                                 | HARDNESS VALUE |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | TALC                                   | 1              |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | FINGER NAIL                            | 2.2            |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | BLADE                                  | 5.5            |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | QUARTZ                                 | 7              |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            | diamond                                | 10             |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |
|                                                                                                                                                                                                                         |                               |                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                |                              |                            |                                        |                |          |          |             |             |                   |                 |        |   |         |    |   |

**SET 2-VIII-SCIENCE**

|                                                                                                                                                                                                                                                               |                 |                                | can a blade produce a scratch? |  |  |                |  |  |  |          |          |          |          |         |                 |                                |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------|--------------------------------|--|--|----------------|--|--|--|----------|----------|----------|----------|---------|-----------------|--------------------------------|----------------------|
| <table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>diamond</td><td>Quartz, diamond</td><td>All objects other than diamond</td><td>Finger nail and talc</td></tr></table> |                 |                                |                                |  |  | Answer Options |  |  |  | Option A | Option B | Option C | Option D | diamond | Quartz, diamond | All objects other than diamond | Finger nail and talc |
| Answer Options                                                                                                                                                                                                                                                |                 |                                |                                |  |  |                |  |  |  |          |          |          |          |         |                 |                                |                      |
| Option A                                                                                                                                                                                                                                                      | Option B        | Option C                       | Option D                       |  |  |                |  |  |  |          |          |          |          |         |                 |                                |                      |
| diamond                                                                                                                                                                                                                                                       | Quartz, diamond | All objects other than diamond | Finger nail and talc           |  |  |                |  |  |  |          |          |          |          |         |                 |                                |                      |