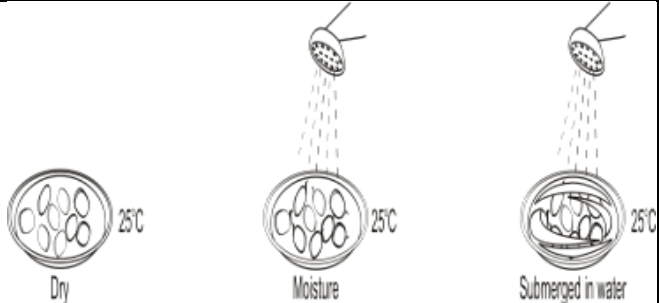


SET 1-VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)	
1	3_15 Science 3600	Chapter1 Crop production and Manageme nt	It is found that many insecticides - used to kill insects - lose their effectiveness after some years. What could be the cause of this?		C	
Answer Options						
Option A		Option B	Option C	Option D		
The insecticides are equally effective - such myths are spread by manufacturers so that they can sell more.	The species targeted by the insecticide are destroyed, but new insects which are unaffected, are born.	The insects develop resistance to the insecticide, which is passed on to successive generations.	The atmosphere contains so much of the insecticide that humans start being poisoned by it.			

SET 1-VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
2	3_15 Science 3609	Chapter1 Crop production and Managem ent	Study this arrangement of an experiment. The type of seeds and other conditions are identical for all the three arrangements. What is the VARIABLE whose effect is being studied in this experiment?		D												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Number of seeds</td> <td style="text-align: center;">Amount of light</td> <td style="text-align: center;">Temperature</td> <td style="text-align: center;">Amount of water</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Number of seeds	Amount of light	Temperature	Amount of water
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												

SET 1-VIII-SCIENCE

3	2_10 Science 4208	Chapter1 Crop production And Managem ent	Some farmers found that corn plants grew better if decaying fish were buried nearby. What did the decaying fish probably supply to the plants to improve their growth?					B
				Answer Options				
				Option A	Option B	Option C	Option D	
		Energy	Mineral	Protein	Oxygen			
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)				Correct Answer (Option – A, B, C, D)

SET 1-VIII-SCIENCE

4.	0_0 Science 9086	Chapter1 Crop production And Manageme nt	Corn is used as food and also as fodder for animals. In recent years, however, corn bushels are being used to produce Ethanol, an important fuel. Which of these correctly compares the use of corn as FUEL and FOOD?	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th colspan="3">Corn as fuel</th> <th colspan="3">Corn as food</th> </tr> <tr> <th></th> <th>Oxygen</th> <th>Carbon dioxide</th> <th>Energy</th> <th>Oxygen</th> <th>Carbon dioxide</th> <th>Energy</th> </tr> </thead> <tbody> <tr> <th>A</th> <td>Taken in</td> <td>Given out</td> <td>Given out</td> <td>Taken in</td> <td>Given out</td> <td>Given out</td> </tr> <tr> <th>B</th> <td>Given out</td> <td>Taken in</td> <td>Taken in</td> <td>Given out</td> <td>Taken in</td> <td>Given out</td> </tr> <tr> <th>C</th> <td>Taken in</td> <td>Given out</td> <td>Given out</td> <td>Given out</td> <td>Taken in</td> <td>Taken in</td> </tr> <tr> <th>D</th> <td>Given out</td> <td>Taken in</td> <td>Taken in</td> <td>Taken in</td> <td>Given out</td> <td>Taken in</td> </tr> </tbody> </table>							Corn as fuel			Corn as food				Oxygen	Carbon dioxide	Energy	Oxygen	Carbon dioxide	Energy	A	Taken in	Given out	Given out	Taken in	Given out	Given out	B	Given out	Taken in	Taken in	Given out	Taken in	Given out	C	Taken in	Given out	Given out	Given out	Taken in	Taken in	D	Given out	Taken in	Taken in	Taken in	Given out	Taken in	A
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)			Correct Answer (Option – A, B, C, D)																																													
	3_16	Chapter1	In which type of soil																																																	

SET 1-VIII-SCIENCE

5.	Science 2455	Crop production and Management	surface will rain water runoff be maximum after heavy rains?		C										
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Sandy surface</td> <td style="text-align: center;">Grassy surface</td> <td style="text-align: center;">Impermeable surface</td> <td style="text-align: center;">Nearly flat surface</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	Sandy surface	Grassy surface
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)										
6.	3_16 Science 2490	Chapter1 Crop production and Management	Sarathy wishes to investigate the effect of the type of light on a plant growth. He takes three identical potted												

SET 1-VIII-SCIENCE

		<p>nt</p> <p>plants and places one in the lawn, one in a closed room containing a tube light; and a third in a closed room containing a bulb which gives yellow light. The bulb and tube light are always on. He waters the plants regularly and to the same extent. Which of these could introduce error into the experiment results?</p>		<p>A</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; padding: 5px;">Option A</th> <th style="width: 25%; padding: 5px;">Option B</th> <th style="width: 25%; padding: 5px;">Option C</th> <th style="width: 25%; padding: 5px;">Option D</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">The fact that the tubelight and bulb are never switched off.</td> <td style="padding: 5px;">The fact that the light intensities are different in the</td> <td style="padding: 5px;">The fact that the three plants were watered similarly.</td> <td style="padding: 5px;">All of the above</td> </tr> </tbody> </table>					Answer Options				Option A	Option B	Option C	Option D	The fact that the tubelight and bulb are never switched off.	The fact that the light intensities are different in the	The fact that the three plants were watered similarly.	All of the above
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SET 1-VIII-SCIENCE

		three cases.			
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7.	2_9 Science 6108	Chapter1 Crop production And Manageme nt	Plants need light for photosynthesis. Which of these is true about the type of light they need?		C
Answer Options					
Option A		Option B		Option C	
Plants need sunlight, no other type of light will do.		Apart from sunlight, plants can grow only in green artificial light.		Apart from sunlight, plants can grow in certain types of artificial light.	
Option D					
Any type of natural or artificial light will do for plants					

SET 1-VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
8.	3_17 Science 1888	Chapter1 Crop production and Managem ent	Saket saw his papaya tree developing flowers. He was sure that fruits would form within a few days, but to his disappointment, this did not happen. He plucked a flower and found that pollen grains were being produced in the anthers. Which of these was definitely absent in the flowers?		B												
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SET 1-VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
9.	2_9 Science 5011	Chapter1 Crop production And Manageme nt	Ashok has an aquarium at home. He wants to increase the oxygen available to his fish. What should Ashok do?		B												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
10.	1_3 Science	Chapter1 Crop	Which of the following process/processes help		B												

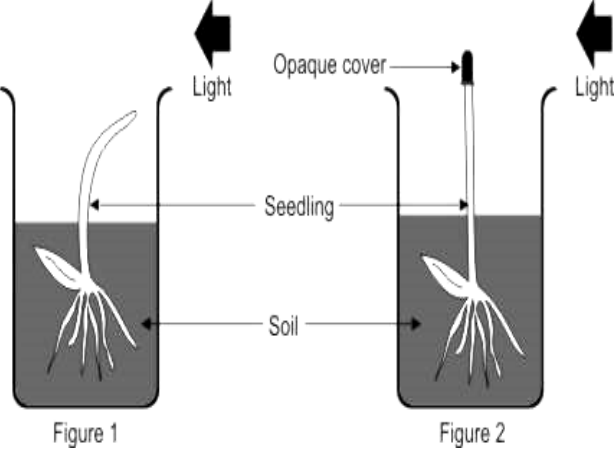
SET 1-VIII-SCIENCE

	6705	production And Manageme nt	in INCREASING the oxygen content in air?														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
11.	3_17 Science 1897	Chapter1 Crop production and Manageme nt	If the corn crop fails one year, how would the robin population be affected and why? Look at the food web given here and answer the question	<pre> graph TD Sun((Sun)) --> Corn[Corn] Sun --> Tree[Tree] Corn --> Mouse[Mouse] Tree --> Caterpillar[Caterpillar] Mouse --> Snake[Snake] Caterpillar --> Robin[Robin] Snake --> Hawk[Hawk] Robin --> Hawk </pre>	C												

SET 1-VIII-SCIENCE

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SET 1-VIII-SCIENCE

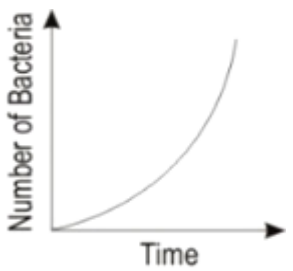
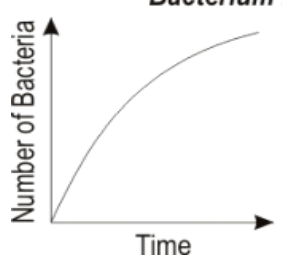
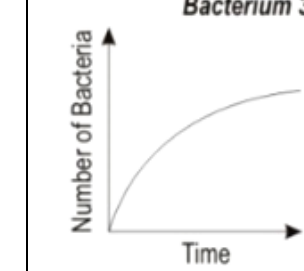
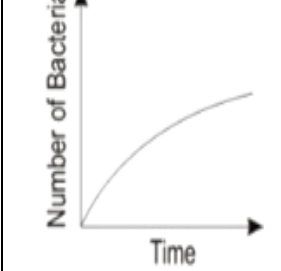
12.	4_24 Science 10347	Chapter1 Crop production and managem ent	Charles Darwin, a British naturalist, and his son carried out the following experiment to find out the effect of light on the movement of a plant: When seedlings of a plant were exposed to light, the tip bent towards the light source (as shown in figure 1). If they placed an opaque cover over the tip (as shown in figure 2), it failed to bend even though the rest of the seedling was illuminated from one side. What can be concluded on the basis of this experiment?	 <p>The diagram illustrates Darwin's experiment on the effect of light on plant movement. It consists of two parts, Figure 1 and Figure 2, each showing a seedling in a pot with soil. In Figure 1, a light source is shown on the right, and the shoot tip of the seedling is bent towards the light. In Figure 2, the shoot tip is covered with an opaque cover, and the shoot remains straight. Labels include 'Light', 'Opaque cover', 'Seedling', and 'Soil'.</p>	B
Answer Options					

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		Option A	Option B	Option C	Option D	
		An opaque cover must be put on the tip of the seedling for bending to take place.	The tip of the seedling needs to be exposed to light for bending to take place.	The base of the seedling needs to be exposed to light for bending to take place.	Bending of the seedling is not related to the direction of light.	
13.	3_15 Science 3591	Chapter 2 Microorganisms: Friend and Foe	Which of the following organisms breaks down dead material and returns the substances to the environment?			C
Answer Options						
		Option A	Option B	Option C	Option D	
		Lion	Algae	Bacteria	Vulture	

S.N	Folder Number & Question	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
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SET 1-VIII-SCIENCE

	Code				
14.	3_15 Science 3597	Chapter 2 Microorganisms: Friends and Foe	Study the graphs given below. They show the rates of growth of four different bacteria. The bacteria corresponding to which graph could be called the fastest-growing?		A
Answer Options					
Option A		Option B <i>Bacterium 2</i>	Option C <i>Bacterium 3</i>	Option D	
					

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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)																																							
15.	4_25 Science 11936	Chapter 2 Microorganisms: Friend and Foe	Into which of these boxes would the disease polio fit?		B																																							
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">Answer Options</th> </tr> <tr> <th colspan="2">Option A</th> <th colspan="2">Option B</th> <th colspan="2">Option C</th> <th colspan="2">Option D</th> </tr> <tr> <td></td> <td style="text-align: center;">Bacteria</td> <td style="text-align: center;">Virus</td> <td></td> <td style="text-align: center;">Bacteria</td> <td style="text-align: center;">Virus</td> <td></td> <td style="text-align: center;">Bacteria</td> <td style="text-align: center;">Virus</td> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Vaccination available</td> <td style="text-align: center; color: red;">A.</td> <td style="text-align: center;">B.</td> <td style="text-align: center;">Vaccination available</td> <td style="text-align: center;">A.</td> <td style="text-align: center; color: red;">B.</td> <td style="text-align: center;">Vaccination available</td> <td style="text-align: center;">A.</td> <td style="text-align: center;">B.</td> </tr> <tr> <td style="text-align: center;">Vaccination not available</td> <td style="text-align: center; color: red;">C.</td> <td style="text-align: center;">D.</td> <td style="text-align: center;">Vaccination not available</td> <td style="text-align: center;">C.</td> <td style="text-align: center;">D.</td> <td style="text-align: center;">Vaccination not available</td> <td style="text-align: center; color: red;">C.</td> <td style="text-align: center; color: red;">D.</td> </tr> </tbody> </table>				Answer Options						Option A		Option B		Option C		Option D			Bacteria	Virus		Bacteria	Virus		Bacteria	Virus	Vaccination available	A.	B.	Vaccination available	A.	B.	Vaccination available	A.	B.	Vaccination not available	C.	D.	Vaccination not available	C.	D.	Vaccination not available
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