



**BCM SCHOOL, BASANT AVENUE, DUGRI**  
**CLASS- IV SESSION 2025-26**  
**SCIENCE - ASSIGNMENT**

**DATE-11.12.25**

<b>A</b>	<b>MCQ</b>	
<b>1</b>	Ria kept two plants—one in sunlight and one in a dark room. After a few days, the plant in the dark room became weak. What is the MOST suitable reason? A. Plants need darkness to grow B. Plants cannot grow without flowers C. Plants need sunlight to make food D. Plants grow better in closed rooms	
<b>2</b>	Priya kept a cactus plant in normal garden soil and watered it daily. After a few weeks, the cactus died. What was the MAIN reason? A. Cactus needs more water B. Cactus cannot grow without flowers C. Cactus needs sandy soil and very little water D. Cactus grows only in snow	
<b>3</b>	A student uses a transparent glass, a wooden block, and a book. Which one will allow light to pass through easily? A. Wooden block B. Book C. Transparent glass D. All three	
<b>B</b>	<b>ASSERTION /REASON</b>	
<b>4</b>	<b>Assertion (A): We cannot see objects in a completely dark room.</b> <b>Reason (R): Light is needed to see objects</b> i) Both A and R are correct. ii) Both A and R are incorrect. iii) A is correct but R is incorrect. iv) A is incorrect but R is correct.	
<b>5</b>	<b>Assertion (A): Mangrove plants have breathing roots.</b> <b>Reason (R): These roots grow above water to take in oxygen.</b> i) Both A and R are correct. ii) Both A and R are incorrect. iii) A is correct but R is incorrect. iv) A is incorrect but R is correct.	
<b>C</b>	<b>ANSWER THE FOLLOWING QUESTIONS</b>	
<b>6</b>	A boy saw that a pencil looks bent when kept in water. Question: What does this observation tell us about light?	

	<b>E</b>	<b>ANSWER THE FOLLOWING IN 2-3 SENTENCES</b>	
	<b>7</b>	Differentiate between taproot and fibrous root with example.	
	<b>F</b>	<b>ANSWER THE FOLLOWING IN DETAIL</b>	
	<b>8</b>	Your school plans to create a mini garden with herbs, shrubs, trees, climbers and creepers. Give two examples of each to support your answer.	
	<b>9</b>	Describe the functions of parts of a plant with the help of diagram.	
	<b>H</b>	<b>CASE STUDY</b> Plants live in different types of environments, so they develop special features to survive. This process is called adaptation. These adaptations help plants live and grow in their surroundings. During a nature field trip, Class IV students visited three different places: a desert area, a pond, and a coastal region. They observed different types of plants and their special features.	
	<b>10</b>	<b>Why does a cactus plant have spines instead of leaves?</b>	
	<b>11</b>	<b>How do broad and waxy leaves help lotus plants in water?</b>	
	<b>12</b>	<b>Why are the stems of many aquatic plants hollow?</b>	