

CLASS – VI
MID TERM EXAMINATION (2025-26)
BIOLOGY
SET C1

Max Marks: 20

General instructions-

- **Section A** – Q. No. 1 and 6 – all parts of these questions carry 1 mark each.
- **Section B** – Q. No. 7 carries 2 marks (with one choice) each.
- **Section C** – Q. No. 8 carries 3 marks.
- **Section D** – Q. No. 9 carries 4 marks
- **Section E** – Q. No. 10 carries 5 marks (with one choice) each.
- Draw neat and labelled diagram wherever required (with pencil).
- Attempt all questions in order.

Q. NO.	QUESTIONS	MARKS																																																			
SECTION A (1 MARK EACH)																																																					
1	Why is grouping of plants and animals important? (a) It makes them look neat. (b) It helps in understanding similarities and differences between organisms. (c) It makes them grow faster. (d) It improves their features.	1																																																			
2	The table shows classification of plants in various categories done by a student after reading their characteristics. <table><tr><th rowspan="2">Plant</th><th rowspan="2">Height</th><th colspan="4">Stem</th><th colspan="2">Site of Branches Appeared</th><th rowspan="2">Category of Plant</th></tr><tr><th>Green</th><th>Tender</th><th>Thick</th><th>Hard</th><th>At the Base of Stem</th><th>On the Stem</th></tr><tr><td>1</td><td>Tall</td><td></td><td></td><td></td><td>Yes</td><td>Yes</td><td></td><td>Tree</td></tr><tr><td>2</td><td>Very short</td><td>Yes</td><td>Yes</td><td></td><td></td><td></td><td></td><td>Shrubs</td></tr><tr><td>3</td><td>Very tall</td><td></td><td></td><td>Yes</td><td>Yes</td><td></td><td>Yes</td><td>Tree</td></tr><tr><td>4</td><td>Short</td><td></td><td></td><td></td><td>Yes</td><td>Yes</td><td></td><td>Herbs</td></tr></table> Which plant has been correctly classified by the student? (a) Plant 1 (b) Plant 2 (c) Plant 3 (d) Plant 4	Plant	Height	Stem				Site of Branches Appeared		Category of Plant	Green	Tender	Thick	Hard	At the Base of Stem	On the Stem	1	Tall				Yes	Yes		Tree	2	Very short	Yes	Yes					Shrubs	3	Very tall			Yes	Yes		Yes	Tree	4	Short				Yes	Yes		Herbs	1
Plant	Height			Stem				Site of Branches Appeared			Category of Plant																																										
		Green	Tender	Thick	Hard	At the Base of Stem	On the Stem																																														
1	Tall				Yes	Yes		Tree																																													
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3	Very tall			Yes	Yes		Yes	Tree																																													
4	Short				Yes	Yes		Herbs																																													

3	Which feature helps a fish to swim easily in water? (a) Legs (b) Wings (c) Streamlined body (d) Hard shell	1
4	A nutrient that gets destroyed due to high heat : (a) Iron (b) Vitamin C (c) Vitamin A (d) Vitamin B1	1
	In the given questions 5 and 6, two statements are given- one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below: (a) Both A and R are true and R is the correct explanation of A (b) Both A and R are true but R is not the correct explanation of A (c) A is true but R is false (d) A is false but R is true	
5	Assertion (A): Plants and animals that live in water are said to live in aquatic habitat. Reason (R): Forests and grasslands are examples of aquatic habitat.	1
6	Assertion (A): Carbohydrates and fats are considered protective foods. Reason (R): Protective foods help the body fight infections and build immunity.	1
SECTION B (2 MARKS)		
7	<u>Attempt either option A or B</u> A. Observe the given picture and answer the following questions.  (i) Name any two-food items which are good sources of roughage. (ii) Why is roughage an essential component of our food? (one point) OR B. (i) Dinesh kept a few groundnuts in a paper and crushed it. After sometime, he noticed an oily patch on the paper. Presence of which nutrient is responsible for the oily patch on paper? (ii) State two key reasons why water is essential for our body?	2

SECTION C (3 MARKS)		
8	Observe the images of a mountain goat and a goat found in the plains. Mention two similarities and one difference between them.  	3
SECTION D (4 MARKS)		
9	Read the passage carefully and answer the questions based on passage and related studied concepts. Rahul, a 10 year old boy, has been facing difficulty seeing in dim light. His parent are worried about his health and take him to the doctor. After some tests, the doctor informs them that Rahul is suffering from a deficiency disease due to lack of essential vitamin in his diet. (a) Name the deficiency disease Rahul is suffering from. (b) Which vitamin is deficient in Rahul's body leading to this disease? Attempt either subpart (c) or (d) (c) Suggest two food items that can help Rahul recover from this disease. OR (d) State two examples of diseases caused due to deficiency of nutrients in the body (other than the ones mentioned in the paragraph). In each case, also mention the name of the nutrient whose deficiency causes the disease.	4
SECTION E (5 MARKS)		
10	<u>Attempt either option A or B</u> A. (i) Draw neat and labelled diagrams showing the two types of leaf venation found in plants. (ii) Write the main point of difference between them. Give one example of each. (iii) Given below are two types of seeds (a) and (b). Identify these as dicot or monocot.  (a) Wheat  (b) Kidney beans	5

OR

B.

(i) Given below are the pictures of camels found in different regions. One is found in the hot desert of Rajasthan whereas the other is found in the cold desert of Ladakh. Mention any three differences between the two that confer them an advantage of living in their respective surroundings.



Hooves

*A camel living in the hot
desert of Rajasthan*



Hooves

*A camel living in the
cold desert of Ladakh*

(ii) Identify the habitat of the tree shown in the image below and list one adaptation, which helps it to survive in its habitat.

