



INDIAN SCHOOL SALALAH
FIRST TERM EXAMINATION – SEPTEMBER 2025



SCIENCE

Class: IV

Date: 18-09-2025

Time: 2 Hours

Maximum Marks: 40

Roll No: (In numerals) Section:

Name of the Candidate:

Signature of the Invigilator:

Section A	
Section B	
Section C	
Section D	
Grand Total	

Signature of the Examiner with date:

Signature of the Checker with date:

General instructions:

i) This question paper consists of 8 pages in 4 sections with 16 questions in all.

ii) All the questions are compulsory.

SECTION-A

Q1. Choose the correct option.

4x¹/₂=2

a) Which of the following does soil contain?

- a) minerals b) sand c) humus d) All of these

b) Which of the following parts helps to transport substances within the leaf?

- a) Stomata b) chlorophyll c) veins d) lamina

c) Which of the following shows dependence of animals on plants?

- a) Animals make food for plants.
b) Animals depend on plants for food.
c) Animals give out oxygen needed for plants.
d) All of the above.

d) Which of the following helps in reducing soil erosion?

- a) Avoid planting trees b) cutting down of trees
c) planting of more trees d) None of the above

Q2. Fill in the blanks with the correct words.

4x¹/₂=2

- a) The extra food prepared by the leaves is stored as (*starch/iodine*)
in different parts of the plant.
- b) (*clay/silt*) particles are the smallest soil particles.
- c) The (*stomata/chlorophyll*) absorbs sunlight needed for food
making in plants.
- d) (*subsoil/topsoil*) can be washed away easily by strong wind and
water.

Q3. Write True or False.

4x¹/₂=2

- a) Soil contains some amount of water and air. _____
- b) Building dams across rivers help to prevent flood. _____
- c) The stem of a plant absorbs water and minerals from the soil. _____
- d) Plants give out carbon dioxide during photosynthesis. _____

Q4. Match the following.

$4 \times \frac{1}{2} = 2$

COLUMN A		COLUMN B		MATCH	
1	minerals	a	largest particles	1	
2	gravel	b	iron and calcium	2	
3	sand	c	remains of dead plants and animals	3	
4	humus	d	small stones and pebbles	4	

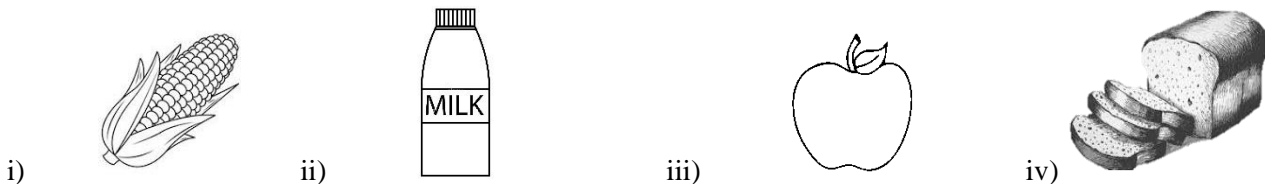
Q5. Circle the correct picture.

$4 \times \frac{1}{2} = 2$

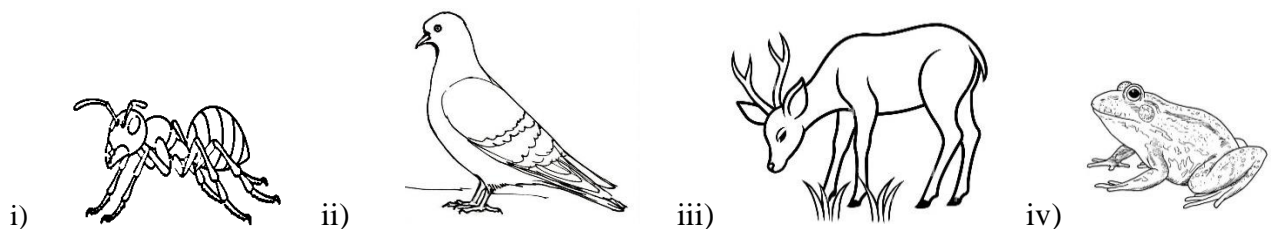
a) Which among the following is the type of teeth used for tearing the food?



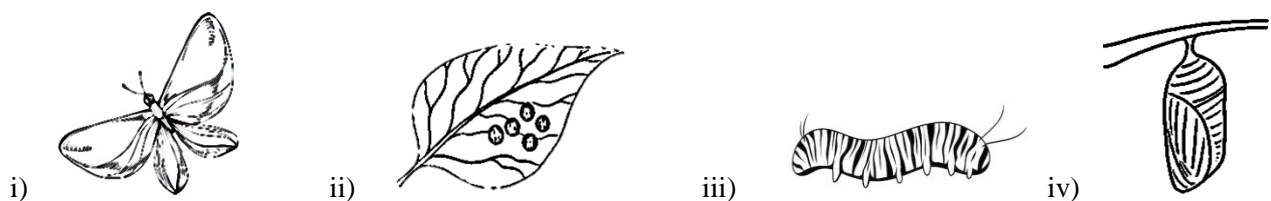
b) Calcium is very important for strong teeth. Which among the following is highly rich in calcium?



c) Which among the following is a mammal?



d) Which among the following is the larva stage of a butterfly?



SECTION -B

Q6. Give one word for the following.

4x1=4

- a) The removal of the fertile top soil by the action of wind and water. _____
- b) The flat surface of a leaf. _____
- c) The food prepared by the process of photosynthesis. _____
- d) The process of breaking down of rocks by wind and water. _____

Q7. Give two examples.

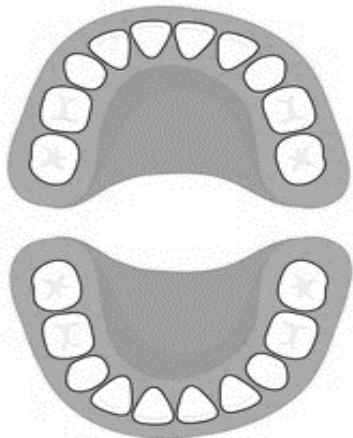
4x1=4

- a) Substances transported within the leaves: _____, _____
- b) Types of soil: _____, _____
- c) Animals that undergo metamorphosis: _____, _____
- d) Diseases caused by protozoa: _____, _____

Q8. Look at the pictures and answer the questions.

2x1=2

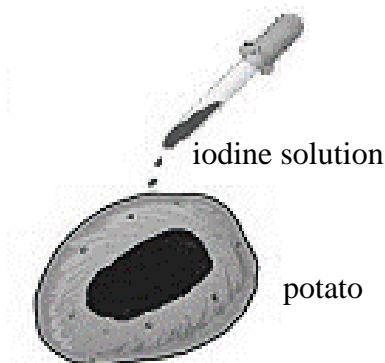
A.



a) Which set of teeth is shown here?

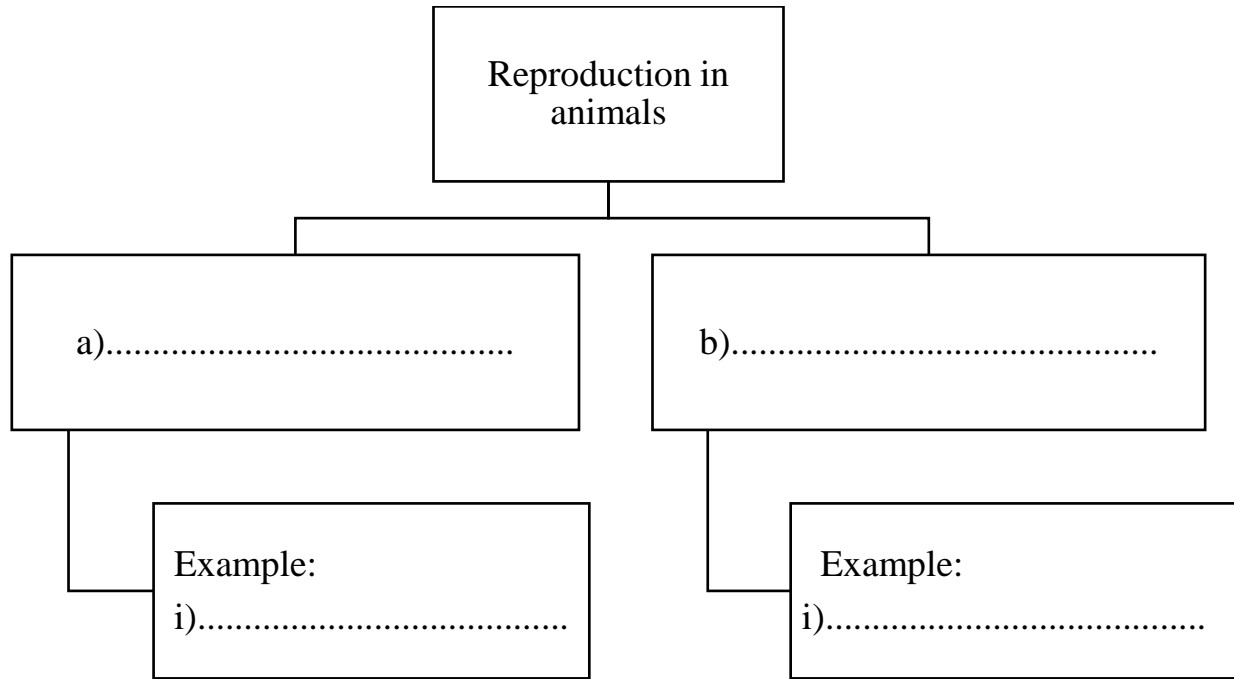
b) Write the total number of incisors found in this set.

B.



a) What is the experiment shown here?

b) What colour does the potato change to when iodine solution is dropped on it?



a) Digestion:

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b) Soil conservation:

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c) Stomata:

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Q11. Short answer questions.

4x1=4

a) Name the four raw materials needed by the plants for photosynthesis.

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b) How do stomata help the plant?

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c) Loamy soil is the best soil for growing plants. Give reason.

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d) Write any two ways in which we can protect our teeth.

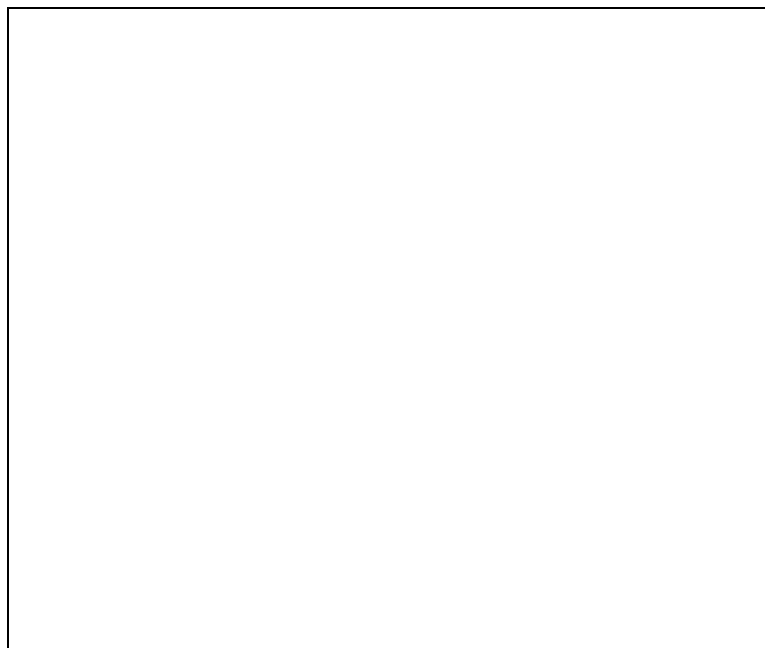
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Q12. Draw as directed.

2x1/2=1

a) Draw the *three layers of a soil profile* and *label the bedrock*.

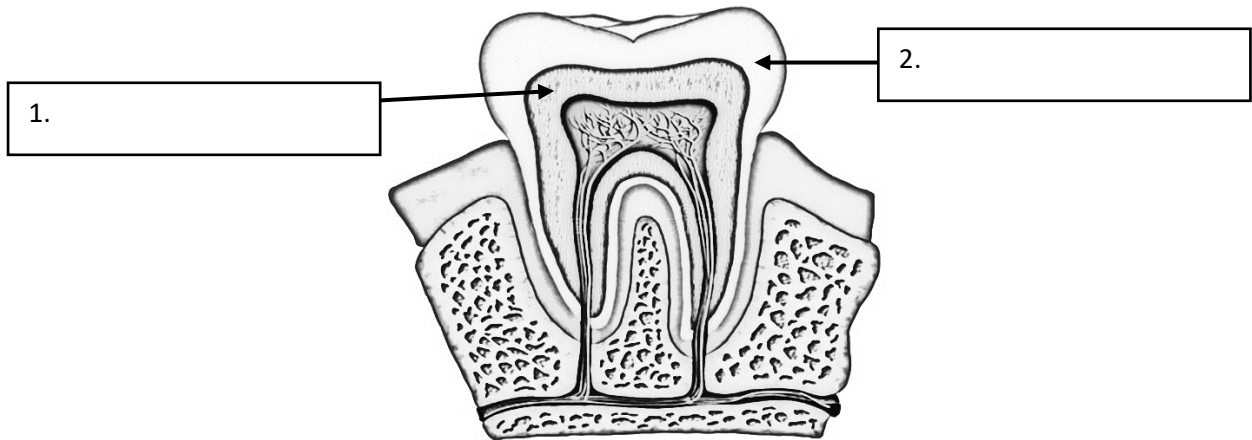


SECTION-C

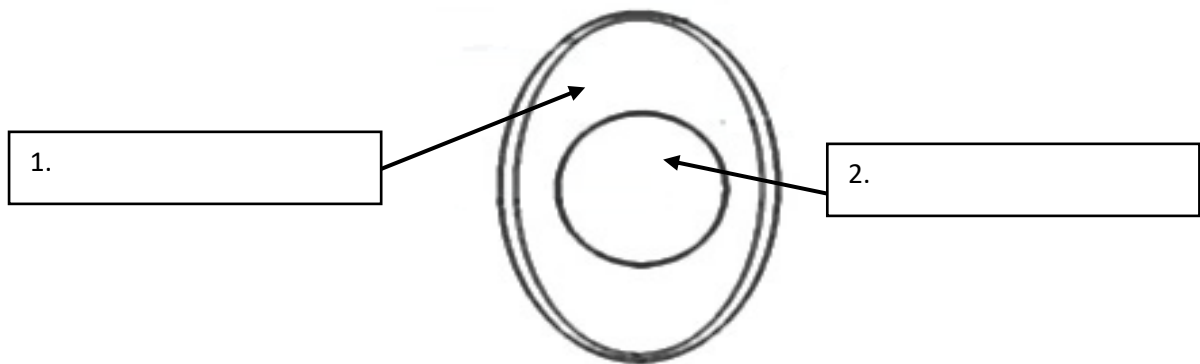
Q13. Label the diagrams.

2x1=2

A) Label the structure of a tooth.



B) Label the structure of an egg.



Q14. Complete the table.

4x1/2=2

Type of teeth		Function
a.	Help to bite or cut the food.
b.	Canines
c.	Help to crush the food.
d.	molars

- a) Write any two uses of microbes.

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- b) Write two characteristic features of mammals.

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SECTION-D

- a) Seema left two slices of bread in her lunch box on Sunday. After two days, she saw green-patches on the bread. Her mom told her not to eat them. What are these green patches? Why is it not safe to eat?

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- b) Your friend gave you a plant as a birthday gift and you kept it inside your room before the summer vacation. When you came back from Muscat after a two-month vacation, you noticed that the plant was weak and its leaves were pale in colour. Why do you think this happened? Explain your answer with two points.

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