



# INDIAN SCHOOL SALALAH

ACADEMIC YEAR 2026 – 2027



|                                       |          |  |                      |                       |                                                                           |
|---------------------------------------|----------|--|----------------------|-----------------------|---------------------------------------------------------------------------|
| Roll No:                              |          |  |                      |                       | Assessment Type: <b>FIRST TERM EXAMINATION</b><br><b>SEPTEMBER - 2026</b> |
| Name Of the Student:                  |          |  |                      |                       |                                                                           |
| Grade: <b>V</b>                       | Section: |  | Marks Obtained:      |                       | <div>40</div>                                                             |
| Subject: <b>SCIENCE</b>               |          |  |                      |                       |                                                                           |
| Date of Assessment: <b>15/09/2026</b> |          |  | Time: <b>2 Hours</b> | Examiner's Signature: |                                                                           |
| Invigilator's Signature :             |          |  |                      | Checker's Signature : |                                                                           |

## General Instructions:

- This question paper contains 24 questions in 7 pages.
- Marks are indicated against each question.
- All questions are compulsory.

## SECTION A (Circle the correct option)

(8×1=8)

1. The longest bone in our body.

A) Spine      B) Ribs      C) Femur      D) Sternum

2. Bryophyllum reproduces with the help of

A) Leaves      B) Flowers      C) Stem      D) Roots

3. The baby plant inside the seed is called

A) Embryo      B) Carpel      C) Seed coat      D) Seedling

4. Seeds with hair are dispersed by

A) Water      B) Wind      C) Animals      D) Explosion

5. The basic unit of matter is called

- A) Atom                  B) Molecule                  C) Element                  D) None of these

6. The symbol of sodium is

- A) S                  B) So                  C) Na                  D) Sd

7. Both wedges and pulleys

- A) Can lift a car    B) Change the direction of force applied    C) Plough field    D) Wash Cloths

8. The simple machine that is useful for holding things together.

- A) Axe                  B) Screw                  C) Knife                  D) Needle

## **SECTION B**

9. **Fill in the blanks:**

**(2 × ½ = 1)**

A) The embryo consists of a baby root called the\_\_\_\_\_

B) \_\_\_\_\_ combines one or more simple machines that work together.

10. **Write whether the following sentences are true or false:**

**(2 × ½ = 1)**

A) A molecule of carbon dioxide is made up of one carbon and two oxygen atoms. \_\_\_\_\_

B) A wedge is a simple machine made up of an inclined plane. \_\_\_\_\_

11. **Who am I?**

**(2 × ½ = 1)**

A) I am an element found in the air. You need me to breathe and stay alive. My name starts with the letter 'O'. Who am I?

\_\_\_\_\_

B) I am a simple machine that consists of a wheel with a groove and a rope passing through it. I help people lift heavy objects with less effort. I can also change the direction in which a force is applied.

\_\_\_\_\_

12. **Name the following:**

**(2×½=1)**

A) The process by which seeds grow into new plants. \_\_\_\_\_

B) A simple machine in which a rod is fixed to the centre of a wheel. \_\_\_\_\_

13. **Observe the given pictures carefully and identify whether reproduction takes place through the root, stem, or leaves.**

**(2×½=1)**

A)



B)



A) \_\_\_\_\_

B) \_\_\_\_\_

14. **Give two examples:**

**(2×1=2)**

A) Monocotyledons: \_\_\_\_\_

\_\_\_\_\_

B) Complex machines: \_\_\_\_\_

\_\_\_\_\_

### **SECTION C**

15. A) What is a skeleton?

**(2×1=2)**

\_\_\_\_\_  
\_\_\_\_\_

B) List any two functions of skeleton.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

16. Compare between filament and style seen in a flower.

(1×2=2)

| Filament | Style |
|----------|-------|
|          |       |

17. Write the functions of the following parts of a seed.

(2×1=2)

A) Seed coat:

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B) Cotyledons:

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18. A) Define compounds.

(2×1=2)

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B) Complete the following table by identifying the compound and its use in our daily life.

| Compound | Use                     |
|----------|-------------------------|
| A) _____ | Baking and cooking food |
| Sugar    | B) _____                |

19. A wheelchair user needs to enter a building. Instead of using the stairs, they use a ramp.

A) Which simple machine is the ramp?

(2×1=2)

\_\_\_\_\_

B) Why is a ramp more suitable for moving a wheelchair into the building?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### SECTION D

20. A) Mention the location of a gliding joint and the type of movement it allows. (1½)

Location: \_\_\_\_\_

Type of movement: \_\_\_\_\_

B) A student says, "All joints allow bones to move freely."

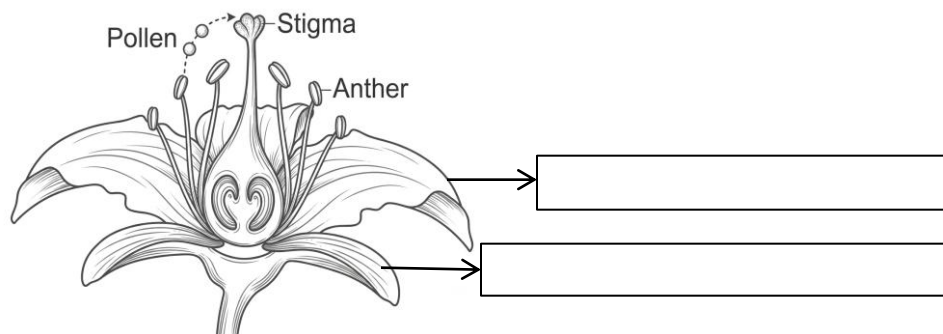
(1½)

Do you agree? Give a reason with an example.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

21. Observe the picture given below and label the parts indicated in the flower.

(1½)



A) Name the type of pollination seen in the above picture.

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B) What are pollinators? Give two examples.

**(1½)**

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22. Explain the process of fertilisation in plants.

**(1×3=3)**

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23. Write two differences between physical and chemical changes and give one example for each.

**(3)**

| Physical change | Chemical change |
|-----------------|-----------------|
|                 |                 |

