

**MAHAVIR SENIOR MODEL SCHOOL**  
**SUBJECT- EVS**  
**CLASS- V**  
**COMPETENCY BASED QUESTIONS**  
**MULTIPLE CHOICE QUESTIONS**



NAME \_\_\_\_\_

ROLL NO. \_\_\_\_\_

**Multiple Choice Questions (MCQs). Choose the correct option.**

1. Who was the first human to travel into space?
  - a) Neil Armstrong
  - b) Yuri Gagarin
  - c) Rakesh Sharma
  - d) Kalpana Chawla
  
2. What do astronauts wear in space to stay safe?
  - a) Uniform
  - b) Raincoat
  - c) Space suit
  - d) Jacket
  
3. Which of these plants grows with roots in the pond bed but has leaves floating on top?
  - a) Tape Grass
  - b) Water Lily
  - c) Lotus
  - d) Duckweed
  
4. Plants like the Lotus have a waxy coating on their leaves to \_\_\_\_\_.
  - a) Make them look shiny
  - b) Help them absorb more sunlight
  - c) Prevent them from rotting in water
  - d) Attract insects
  
5. What instrument measures the intensity of an earthquake?
  - a) Barometer
  - b) Ruler
  - c) Seismograph
  - d) Thermometer
  
6. Which natural disaster is caused by excessive rainfall?
  - a) Cyclone
  - b) Flood
  - c) Earthquake
  - d) Drought
  
7. The continuous movement of water from the Earth to the air and back is called the:
  - a) Rain Cycle
  - b) Water Cycle
  - c) Air Cycle
  - d) Earth Cycle

8. Which of the following factors help things float and others sink in water?

a) Their color

b) Their size

c) Their weight

d) Their temperature

9. What do plants need for photosynthesis besides sunlight and water?

a) Oxygen

b) Carbon Dioxide

c) Nitrogen

d) Chlorine

10. What is the process of cleaning and separating crude oil called?

a) Drilling

b) Refining

c) Condensation

d) Filtration

MSMS

**MAHAVIR SENIOR MODEL SCHOOL**  
**SUBJECT- EVS**  
**CLASS- V**  
**COMPETENCY BASED QUESTIONS**  
**ASSERTION AND REASON**



NAME \_\_\_\_\_

ROLL NO. \_\_\_\_\_

**Instructions:** For each of the following questions, choose the correct option:

- A. Assertion is true, but Reason is false.
- B. Both Assertion and Reason are true.
- C. Both Assertion and Reason are false.
- D. Assertion is false, but Reason is true.

1. **Assertion (A):** Coal and petrol are non-renewable sources of energy.  
**Reason (R):** They cannot be created once finished.

**CORRECT OPTION:** \_\_\_\_\_

2. **Assertion (A):** Fuels are used for cooking and running vehicles

**Reason (R):** A fuel is a substance which donot produce heat and energy .

**CORRECT OPTION:** \_\_\_\_\_

3. **Assertion (A):** Water is not essential for living beings.  
**Reason (R):** Human beings cannot survive without water.

**CORRECT OPTION:** \_\_\_\_\_

4. **Assertion (A):** People in ancient time-built stepwells for storing rainwater.  
**Reason (R):** They have to travel long distances to fetch water.

**CORRECT OPTION:** \_\_\_\_\_

5. **Assertion (A):** Floods leads to shortage of food.  
**Reason (R):** Heavy rainfall caused due to floods damages crops and stored grains.

**CORRECT OPTION:** \_\_\_\_\_

6. **Assertion (A):** Mountaineers carry oxygen cylinders while climbing high peaks.  
**Reason (R):** The amount of oxygen in the air decreases at higher altitudes, making it difficult to breathe.

**CORRECT OPTION:** \_\_\_\_\_

7. **Assertion (A):** Things float in a spaceship just like Sunita Williams experienced.  
**Reason (R):** There is a lack of gravitational pull inside a spaceship orbiting Earth.

**CORRECT OPTION:** \_\_\_\_\_

8. **Assertion (A):** Submerged plants like *Hydrilla* have thin, ribbon-shaped leaves.  
**Reason (R):** These narrow leaves allow water to pass through easily without tearing.

**CORRECT OPTION:** \_\_\_\_\_

9. **Assertion (A):** Water hyacinth floats on the water's surface.  
**Reason (R):** Its spongy, air-filled stems help the plant stay light and float.

**CORRECT OPTION:** \_\_\_\_\_

10. **Assertion (A):** Animals including human cannot make their own food.  
**Reason (R):** Animals are not consumers.

**CORRECT OPTION:** \_\_\_\_\_

**MAHAVIR SENIOR MODEL SCHOOL**  
**SUBJECT- EVS**  
**CLASS- V**  
**COMPETENCY BASED QUESTIONS**  
**CASE AND DIAGRAM BASED**



NAME \_\_\_\_\_

ROLL NO. \_\_\_\_\_

**Q) Read the following paragraph and answer the questions that follow.**

I. Riya watched a documentary about astronauts such as Rakesh Sharma and Kalpana Chawla. She learned that astronauts travel in rockets, wear special space suits to allow movement during spacewalks and live in spacecraft while exploring space. Astronauts feel weightless and have to exercise daily to stay healthy.

Q1.Name two astronauts whose documentary was watched by Riya.

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Q2.What did Riya learn about astronauts?

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Q3.Why do astronauts wear special spacesuits?

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Q4.Why Earth is called Blue Planet?

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II. Rain is the main source of water on Earth. Some of the rainwater seeps into the ground and gets absorbed which is called underground water. Ravi lives in a village where people depend on a river for drinking water, washing clothes, bathing, and watering crops. During summer, the water level in the river becomes very low. People then face many problems due to shortage of water

Q1.Mention any two uses of river water in Ravi's village.

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Q2. Why do people face water shortage during summer?

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Q3. What is underground water?

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Q4. Water present in oceans cannot be used for drinking purpose. Give reason.

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III. In Meena's neighbourhood, many people fell sick during the rainy season. The doctor said that mosquitoes were spreading malaria. Mosquitoes are parasitic insects that feed on the blood of humans and other animals. Stagnant water collected in coolers, pots, and open drains helped mosquitoes breed. Dengue and yellow fever are some diseases caused due to bite of mosquitoes.

Q1. What kind of insects do mosquitoes are?

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Q2. What conditions help mosquitoes to breed?

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Q3. Name any two diseases caused by bite of mosquitoes apart from malaria.

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Q4. Write any one way to prevent the spread of malaria.

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