

Science Olympiad
Downloadable Mock
Level 4

General Instructions:

1. Please note it is a Mock Paper. The questions might differ in the final exam.
2. The exam should be answered using pencil on the question paper itself.
3. Please read the questions carefully before answering them.

Student Details:

Name _____

Std _____

Q1. Cross the odd one out.

1. Causes pollution - smoke from factories, composting, washing utensils near water bodies, using pesticide and insecticides in excess, sewage water released in water bodies
2. Our planets – Mercury, Moon, Venus, Earth, Uranus, Saturn

Q2. Match the following.

1. Fat	a. Gives energy
2. Iron	b. Carbohydrate
3. Starch	c. Build Muscles
4. Protein	d. Mineral

Q3. Answer the questions based on facts you have learnt?

1. What is meant by digestion?

2. Write about any two rail safety tips you must follow?

3. How do we get wool?

4. What is the difference between solids and liquids?

5. What does a plant require to make its food?

Q4. Classify.

1. hydrilla, banyan tree, cactus, lotus, mangroves, duckweed

a. Terrestrial plants –

b. Aquatic plants –

2. rabbits, leech, mosquitoes, deer, fleas, goats

a. Herbivores –

b. Parasites –

Q5. Explain.

1. The process of digestion begins in the mouth.

2. Climate plays an important role on the types of houses seen in a place.

3. Animals and plants are interdependent.

4. Animals like tigers, lions etc. have tree like colour and stripes or spots on their body.

Q6. Choose the correct option.

1. Doors and windows must have the ability to let light in while keeping dust and insects away. Hence the material used to make doors and windows is-

- a. granite and marble
- b. glass and wood
- c. plastic and synthetic material

2. When a gas is cooled, its molecules come closer to each other and the gas changes back to liquid. This process is called -

- a. condensation
- b. evaporation
- c. melting

Q7. Give Reasons.

1. We must be careful while riding on a wet road -

2. Clothes made from natural fibres like cotton and linen are more comfortable than those made from synthetic material-

Q8. Say what will happen.

1. If houses are built using mud, clay, sand, gravel and straw -

2. If one spoon of sand and one spoon of sugar is stirred in a glass of water -

Q9. With the help of activities conducted, pick the correct option.

1. When the smoke from burning incense sticks is collected in a jar and the lid of the jar is then opened, we notice the smoke escaping and flying away. This tells us that-
 - a. Gases have a definite shape and volume
 - b. Gases have a definite shape but not a definite volume
 - c. Gases do not have a definite shape or volume

2. When you throw a ball up in the sky, it comes down. This happens because –
 - a. of the earth's gravitational force
 - b. of the earth's frictional force
 - c. of the earth's muscular force

3. When clothes are spread out in the hot sun in an open area they dry faster than when they are kept folded indoors. This is because –
 - a. rate of evaporation decreases with temperature and surface area
 - b. rate of evaporation increases with temperature and surface area
 - c. rate of evaporation decreases with temperature and increases with surface area