



Science Olympiad

Downloadable Mock

Level 6

General Instructions:

1. Please note this is a mock paper. The questions may differ in the final exam. This is only for your practice.
2. The exam should be answered on the question paper itself.
3. Please read the questions carefully before answering them.

Student Details:

Name: _____

Level: _____

LMS ID: _____

School Name: _____

Q1. Cross the odd one out.

1. Insulators – plastic, wood, ceramic, rubber, metal
2. Non-luminous objects – book, table, spoon, sun, stool

Q2. Match the following.

Vitamin	Source	Function
A. Vitamin A	a. Citrus fruits	1. Needed for formation of skin, bones and blood vessels
B. Vitamin C	b. Green leafy vegetables	2. Helps to absorb calcium for stronger bones
C. Vitamin D	c. Exposure to sunlight	3. Keeps eyes and skin healthy

Q3. Drawn and label the cross-section of a flower and its parts.

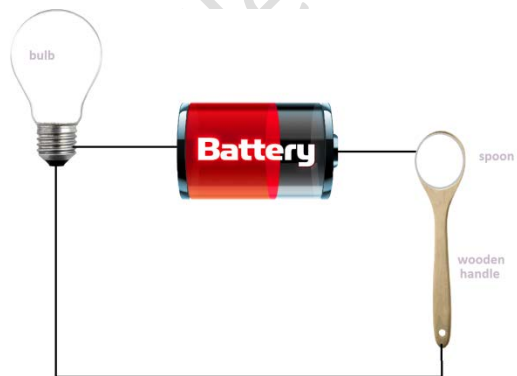
Q4. Answer the questions based on facts you have learnt?

1. How does excretion happen in plants?

2. How are X-rays used for diagnosing medical conditions?

3. What is composting?

4. Will the bulb light in the given circuit? Why?



Q5. Classify.

1. cotton, silk, wool, jute, coir, flax

a. plant fibres –

b. animal fibres –

2. clear glass, wood, metal, air, plastic, water

a. transparent –

b. opaque –

3. humans, air, water, plants, soil, animals

a. biotic components –

b. abiotic components –

Q6. Explain.

1. Weaving is different from knitting.

2. Soil is sometimes called the “skin of the Earth”.

Q7. Choose the correct option.

(3)

1. Different types of joints allow movement in different directions. The ball and socket joint is present in the -

- a. wrist
- b. knee
- c. neck

2. A giant wheel going round and round is an example of -

- a. periodic motion
- b. rectilinear motion
- c. rotational motion

3. About 97% of water on the Earth is -

- a. sweet
- b. saline
- c. bitter

Q8. Give Reasons.

(6)

1. Synthetic fibres are not suitable for hot and humid climates -

2. Oil floats on water-

Q9. Say what will happen.

(6)

1. If xerophytes do not have an extensive and well-developed root system -

2. If the body of fish is not streamlined -

Q10. With the help of activities conducted, pick the correct option.

1. Take some egg white in a test tube. Add few drops of copper sulphate solution and sodium hydroxide solution. Shake well and wait for 3 or 4 minutes. The colour of the mixture turns purple. This tells us that –
 - a. Egg whites contain proteins
 - b. Egg whites contain starch
 - c. Egg whites contain high amount of sugar

2. A slightly inflated balloon is tightly fitted to the mouth of a bottle. The bottle is placed in bowl of hot water and the water is heated. -
 - a. the balloon gets inflated
 - b. the balloon gets deflated
 - c. the balloon bursts

3. Place a needle on a table. Rub a bar magnet on the entire length of the needle 30-40 times. Repeat the process by turning the needle. Now bring some iron nails near the needle. You will see that-
 - a. The needle attracts the iron nails
 - b. The needle repels the iron nails
 - c. The needle neither attracts nor repels the iron nails