



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: 8th C.B.S.E.

Max. Marks: 30 Marks

Date: 30th May, 2018

Marking Scheme: Three questions carry 10 marks each. Questions have 3 subparts each. Subparts (a) and (b) carry 3 marks each and subpart (c) carries 4 marks.

Question 1

a. Fill in the blanks:

1. Microorganisms can be seen with the help of a _____.
2. _____ discovered the vaccine for smallpox.
3. Cholera is caused by _____.
4. The process of killing microbes by boiling milk & chilling immediately is called _____.
5. _____ is a viral disease.
6. Medicines that kill or stop the growth of the disease-causing microorganisms are called _____.

b. Name the following.

1. The microorganisms which can fix atmospheric nitrogen into the soil.
2. A prokaryotic microorganism.
3. Bacteria that help to curdle the milk.

c. Answer the following.

1. Where do Microorganisms Live?
2. How microbes help to increase soil fertility?

Question 2

a. Choose the correct answer:

- (a) Yeast is used in the production of-
(i) Pepsi (ii) Rasmalai (iii) Hydrochloric acid (iv) Pizza.
- (b) Carrier of malaria-causing protozoan is-
(i) female Anopheles mosquito (ii) cockroach (iii) housefly (iv) butterfly.
- (c) The idli dough rises because of-
(i) heat & water (ii) grinding (iii) growth of yeast cells (iv) kneading.
- (d) Female Aedes mosquito acts as carrier of _____ virus.
(i) dengue. (ii) Malaria (iii) malaria (iv) Polio.
- (e) The mode of transmission for Cholera is-
(i) Water. (ii) Mosquito (iii) House fly (iv) Cat.
- (f) The process of conversion of sugar into alcohol is called-
(i) nitrogen fixation (ii) moulding (iii) fermentation (iv) infection.

b. Define.

- i) Pathogens. ii) Antibiotics. iii) Communicable diseases.

- c. List down the major groups of microorganisms. Give an example of the disease caused by each.

Question 3

a. State true or false. Repair & rewrite the false sentences.

1. Rust of wheat is one of the bacterial plant disease.
2. Rhizobium converts the aerial oxygen into soil for plants.
3. Viruses can cause tuberculosis.

- b. Explain. i) Food poisoning ii) Two food preservation methods.

c. Describe Nitrogen cycle with diagram.