



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: CBSE 8

Max. Marks: 30 Marks Date: 11th July 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. Define:

1. Synthetic fibers.
2. Polymer
3. Pseudopodia / pasteurization.

B. Answer the following:

1. Give the function of genes / Rhizobium
2. Explain why plastic containers are favored for storing food.
3. Why people say 'Avoid plastics as far as possible'?

C. Give two differences with an example each:

1. Communicable & non-communicable diseases / prokaryotes & eukaryotes.
2. Thermosetting plastics & thermoplastics.

Question 2:

A. State true or false. Correct & rewrite if false.

1. Rayon is the first fully synthetic fiber.
2. Plastic is It was prepared from cellulose.
3. The central dense round body in a cell is called the cytoplasm.
4. Louis Pasteur discovered antibodies in 1857.

B. Fill in the blanks.

- (a) Synthetic fibers are also called _____ fibers.
- (b) Synthetic fibers are synthesized from raw material called _____.
- (c) Like synthetic fibers, plastic is also a _____.
- (d) Nylon was prepared from _____, _____ and _____.

C. Solve any four.

1. Why cells are called the basic structural units of living organisms?
2. What are plastids? Give reason why chloroplasts are found only in plant cells.
3. Give reason why plastic is used in cars, aircrafts and space crafts
4. What polyester is made up of? Explain what is polycot & polywool.
5. What is pasteurization? Give an example of a foodstuff that is pasteurized.
6. Give reason why nylon is used in parachute ropes.

Question 3:

A. Answer the following:

1. Why rayon is called 'artificial silk'? Give two properties of it.
2. What is the function of a nerve cell? **OR** What are antibiotics?
3. Explain how manufacturing synthetic fibers is actually helping conservation of forests?

B. Find the odd one out. Give reason for it.

1. Acrylic, Nylon, Silk, Rayon
2. Polythene, PVC, Bakelite, Bisleri bottle
3. Tuberculosis, Measles, Chicken Pox, Polio **OR** Cell wall, Cell membrane, nucleus, cytoplasm.

C. Answer the following:

1. Give two functions of nucleus

OR

Give two ways in which areal nitrogen can be fixed in soil.

2. What are the thread-like structures in a nucleus called? What do they carry?

OR

What are antibiotics? What precautions must be taken while taking antibiotics?