



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: 10th 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. Given below are three structures, write their special functional activities:

- Nephron.
- Lymph.
- Alveoli.

b. Answer the following.

- What are the different ways in which glucose is oxidised to provide energy in various organisms?
- How maintenance by platelets occur in humans?

c. Differentiate (two differences each).

- Xylem & phloem transportation.
- Arteries & veins.

Question 2

a. Name the following.

- Three protective layers of brain.
- The part of human brain which controls the body temperature.
- The fluid that is present inside and outside the brain.
- The part of human brain concerned with memory.

b. Explain: (1) Diastole & systole. (2) Hemodialysis

c. Describe in-short the major parts of the body & steps involved in urine formation.

Question 3

a. Answer the Following

- Why do amphibians or many reptiles have three-chambered hearts?
- Explain the difference between respiration in fish & human beings.

b. Explain three states of nerve impulses.

c. Answer the questions based on the diagram.

- Name & give 2 functions of this structure.
- Label the parts
- Name the two vessels that bring blood to 'A & C'?

