



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: 10th I.C.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:

- Cerebellum.
- Corpus Callosum.
- Pons.

b. Answer the following.

- What are natural & acquired reflexes?
- State which of the following are simple reflexes and conditioned reflexes.
 - Sneezing
 - Blushing
 - Contraction of eye pupil
 - Lifting up a book

c. Differentiate (two differences each).

- Sensory nerves and Motor nerves.
- Sclera & choroid layer.

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 any one condition in which following eye defects can occur.

- Myopia.
- Hyperopia.
- Astigmatism.

c. Describe in short the major steps in seeing an object.

Question 3

- Explain three effects of sympathetic & parasympathetic nervous system on body parts.
- Explain three states of nerve impulses.
- Answer the questions based on the diagram.
 - Label the parts.
 - What is the function of 'c & f'?
 - Explain the working of 'b'

