



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: CBSE 8

Max. Marks: 30 Marks

Date: 28th Nov, 2018

Marking Scheme: All questions carry 10 marks each. Subparts (A) and (B) carry 3 marks each and subpart (C) carries 4 marks.

Question 1:

A. Differentiate.

1. Hormones and sweat.
2. Adolescence & puberty.
3. Sperm & ovum.

B. Name the following.

1. The element needed by the tadpoles in water for metamorphosis.
2. Cell organelle that decides the sex of a child.
3. The changes that occur during adolescence are controlled by these secretions.

C. Answer the following.

1. What are the effects of increased sweat & sebaceous glands during adolescence? Why are these not termed as endocrine glands?
2. What is a balanced diet? Why is it necessary to have balanced diet during adolescence?

Question 2.

A. What is AIDS? Which virus causes it? Give two possible ways of contacting it.

B. Complete the sentences.

1. In females, the _____ wall thickens to receive the fertilized ovum.
2. _____ glands transport the secretions through ducts.
3. Hormones that control the working endocrine glands are secreted by _____ gland.

C. Refer to the diagram and answer the following.

1. Name the glands 2,4,5,6,7,9.
2. Name the hormones secreted by 5, 6 & 7.

Question 3.

A. Give the name of the hormones and the disorder that is the result of hypo secretion of following glands..

1. Thyroid.
2. Pancreas.
3. Pituitary.

B. Explain why.

1. The belief that the mother is completely responsible for the sex of the child is wrong.
2. There is no reason to feel insecure about changes in adolescence.
3. Adolescence is also known as the period of change in the person's way of thinking.

C. 1. What is the difference between menarche, menopause?

2. What are secondary sexual characteristics? Give any two characteristics in boys.

