



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: ICSE 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.

Q.1. A. Name the endocrine gland responsible for secreting these and give their functions:

1. ACTH/ADH.
2. GH.
3. Oxytocin.

B. Give reasons.

1. A diabetic person depends on insulin shots.
2. A person pales when he is scared.
3. People living away from coastal area often develop goitre.

C. Why pituitary is master gland? Name the secretions of pituitary.

Q.2. A. Why adrenalin is called 'flight/fight' hormone? Give its effects on heart, lungs, skin & digestive system.

B. Fill in the blanks.

1. Hypo & hyper secretion of GH causes _____ & _____ respectively.
2. Glucagon is produced by the _____.
3. _____, _____ are organs in males & females affected by the gonadotropic hormones.
4. _____ gland produces estrogen.

C. Answer the following.

1. Give two differences between exocrine & endocrine glands.
2. Describe tropic hormones? Which gland produces it? Give two examples.

Q.3. A. Name the following.

1. Disorders of hypo and hyper secretion of GH.
2. Hormones produced by Adrenal cortex.

B. Pick the odd one out (depending on the related information given) with reason.

1. Iodine, Iron, Calcium, Phosphorus. (Needed for hormone synthesis)
2. Sweat gland, adrenal cortex, pineal, thymus.
3. Adrenaline, sebum, insulin, thyroxin.

C. 1. Give the exact location.

1. Adrenals.
2. Thyroid.
3. Thymus.
4. Pituitary.

2. Name the endocrine part of the organ in the diagram, give its location and name its secretions..

