

QUIZ: HORMONES IN ANIMALS

1. Which of the following statement is incorrect?
 - (a) Hormones in animals are secreted by ductless glands called endocrine glands.
 - (b) Site of synthesis and site of action of a hormone are different.
 - (c) In plants growth is localized.
 - (d) Hyper secretion or hypo secretion of a hormone by a human being does not cause any affect.

2. Insulin hormone is produced in
 - (a) Pancreas
 - (b) Thymus
 - (c) Hypothalamus
 - (d) Pineal gland

3. The following element is essential for the synthesis of thyroxine hormone
 - (a) Iron
 - (b) Iridium
 - (c) Iodine
 - (d) Calcium

4. The endocrine gland which secretes the growth hormone in mammals(humans) is located in
 - (a) Kidney
 - (b) Brain
 - (c) Pancreas
 - (d) Oesophagus

Answers:

1. (d)

Explanation: Secretion of hormone in excess or in very less quantities than the normal amount cause diseases or adversely affects. For example deficiency (hypo secretion) of growth hormone (Thyroid hormone) in childhood causes dwarfism, and hyper secretion in childhood causes gigantism (Extremely tall). The other three statements are correct statements.

2. (a)

Explanation: Insulin is produced by the pancreas and helps in regulating blood sugar levels.

3. (c)

4. (b)