

Glandular System

Q.1. Define Glandular System. What are the types of glandular system.

→ Glandular system is a system which is formed by different parts of our body which are made from specific cells to control metabolism, growth, digestion, sexual characteristics, etc.

→ The types of glandular system are:

- Endocrine Gland

- Exocrine Gland

Q.2 Differentiate between Endocrine<sup>gland</sup> and exocrine<sup>gland</sup>.

→ Endocrine Gland

Exocrine Gland

It ~~is~~ They are ductless.

They are connected to ducts.

They secrete hormones.

- They secrete enzymes.



3. Name the hormone released by thyroid gland.

→ Thyroxin is released by thyroid gland.

4. Write down the function of thyroid gland.

→ The function of thyroid gland is to help in growth & development of body in presence of iodine.

5. Name any 2 hormones released by ~~pituitary~~ pituitary gland.

- Adrenocorticotrophic hormone
- Growth hormone

6. Why pituitary gland is also known as master gland?

→ It ...because it produces a number of hormones which controls the secretion of many other glands of the body.

7. Name the hormones released by parathyroid gland and its functions.



→ Parathyroid gland secretes ~~parathormone~~ <sup>parathormone</sup> hormone.

→ Its functions are:

- It helps in metabolism of calcium and phosphorus.

- It helps in contraction & relaxation process of muscles.

8. Why pancreas is also known as mixed gland?

→ ...because it contains <sup>both</sup> endocrine and exocrine glands.

9. Name the hormones & enzymes released by pancreas with functions.

→ Hormones released by pancreas are:

- Insulin: It reduces the glucose level in blood.  
- Glucagon: It increases glucose level in blood.

→ Enzyme released by pancreas:

- Pancreatic juice: It helps in digestion process of food.