

(GISA)

Q. Write short note on hormones.
(5 marks)

10 min

(1) HORMONES

"These are the specialized chemicals released from specialized cells endocrine glands and perform specific functions."

(2) IMPORTANT HORMONES AND THEIR FUNCTIONS

2.1) Pituitary Gland; It releases

i) Somato-trophin hormone
Function; Accelerates growth

ii) Thyroid stimulating hormone
Function; stimulates thyroid gland

Date: _____

Day: _____

iii) Adreno-cortico trophic hormone
Function; stimulates adrenal gland

iv) Gonado-trophin hormone, Follicle
stimulating hormone, Lucinizing
hormone, Prolactin

Function; They have reproductive
functions

Prolactin is only present in females.

v) Melanophore stimulating hormone
Function; It gives color to the
skin.

2.2) Thyroid Gland; It releases

i) Thyroxine
Function; Increases metabolism

ii) Calcitonin
Function; Decrease calcium ions in
the blood.

Date: _____

Day: _____

2.3) Adrenal Gland; It releases

i) Cortisol;
Function; Increases blood glucose level

ii) Adrenaline
Function; Dilates blood vessels
going to skeletal muscles.

iii) Non-adrenaline
Function; Contracts blood vessels
going to digestive system.

Adrenaline and non-adrenaline are called emergency hormones because they are released in stress conditions.

2.4) Pancreas; It releases

i) Insulin
Function; Decreases blood glucose levels.

good attempt!!!
