

HW
30 Oct 2021

Endocrine system and adolescence

1) Name the endocrine gland and hormone which a - maintain calcium in the blood.

b. regulate menstrual cycle.

ans. a. Adrenal gland

b. Pituitary gland

2) Give one similarity and one difference in the secondary sex characters developed in boys and girls.

Similarity → In this stage both boys and girls become more interested in the opposite sex.

Difference →

Boys

Pennis and scrotal sac grow.

Girls

Uterus and vagina grow in size. ~~Menstruation~~
Menstruation cycle starts.

3) What is the function of follicle stimulating hormone (FSH) from pituitary?

It helps in the production of sex cells (gametes) in males and females.

4) Mention different glands, their functions and hormones secreted by them.

Gland	Hormone	Function
→ Thyroid	Thyroxine	controls metabolic
→ Adrenal	Adrenaline	Prepares body for emergency
→ Pancreas	Insulin Glucagon	Regulate the sugar Releases sugar from the liver
→ Pituitary	Below the brain i. Growth hormone ii.	speeds up the growth