

21/8/2020  
FRIDAY

# BIOLOGY

STD - X

class - 19

## Assignment

1) Few hints in relation to an endocrine gland are given below. Analyse them and answer the following questions.

- Located behind the sternum.
- Active during infancy and constrict at puberty.

- a) Identify the gland and write the role of this gland in providing immunity.
- b) Write the name of the hormone produced by this gland.

Ans) a) Thymus gland

The role of this gland is to control the activities and maturation of T lymphocytes which help to impart immunity.

b) Thymosin, it is also known as 'Youth hormone'.

2) Complete the following table in relation to the hormone produced by the adrenal gland.

Ans)

Hormone	Function
Sex hormone	controls the development and functions of sex organs.
Aldosterone	Regulate salt water balance
Cortisol	slows down the action of defense cells
Adrenaline [Epinephrine]	Acts along with the sympathetic nervous system during emergencies. This helps to resist or withdraw <del>ourselves</del> ourselves from such situations.