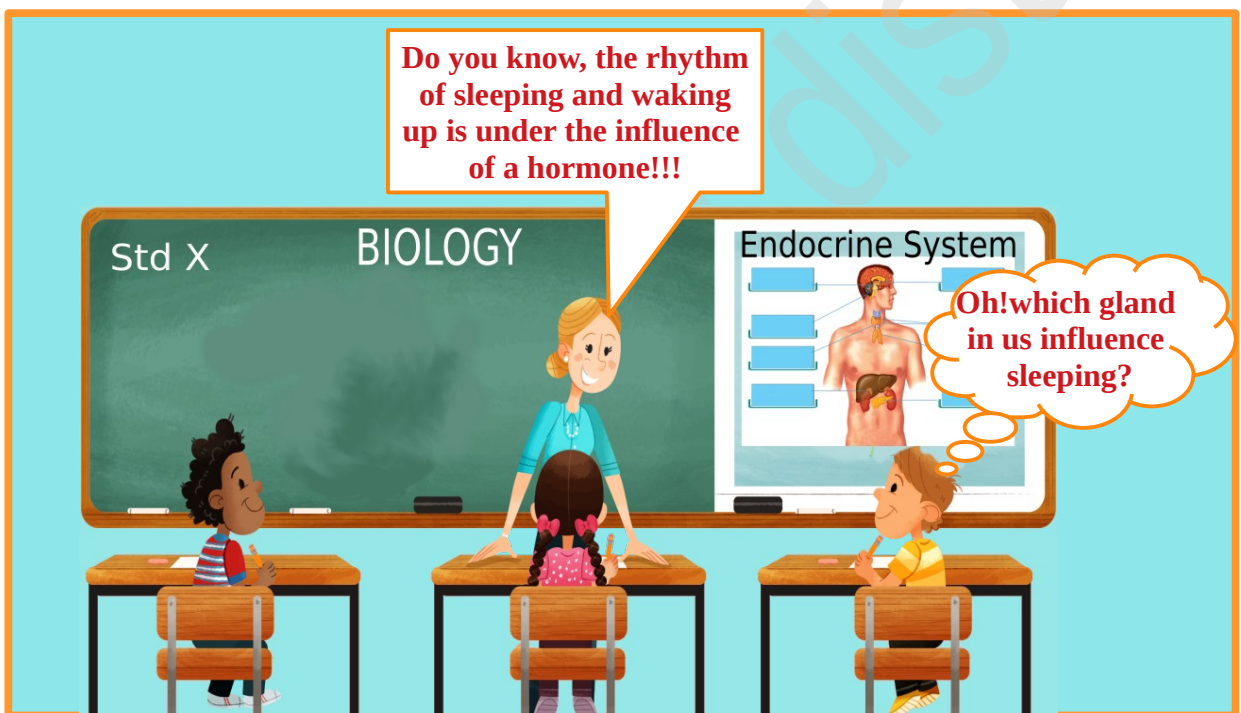


# THIRUVANANTHAPURAM EDUCATIONAL DISTRICT

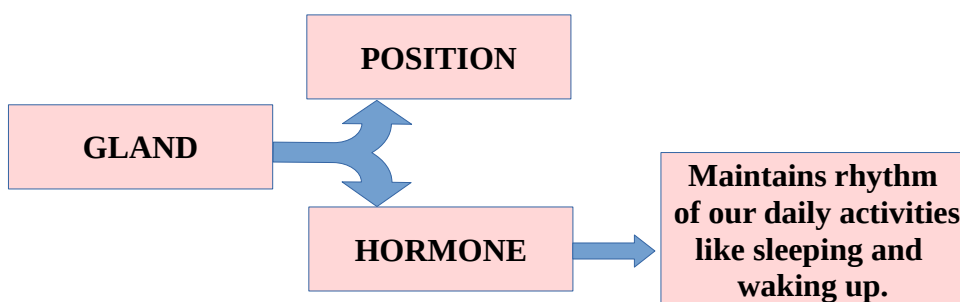
BWS6 X

## STANDARD X BIOLOGY

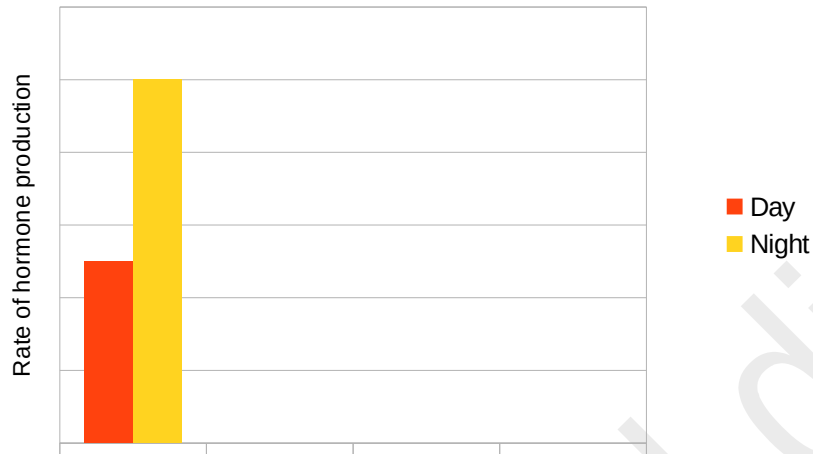
### 1. Listen to the doubt, a student felt in Biology class.



### a) Complete the illustration and clarify the student's doubt.



**b) Observe the graph and identify the peculiarity of hormone production by the gland.**



**i. What peculiarity do you observe in the production of the hormone in our body?**

**ii. Write one more function of this hormone.**

**2. Observe the given situation and answer the following questions.**

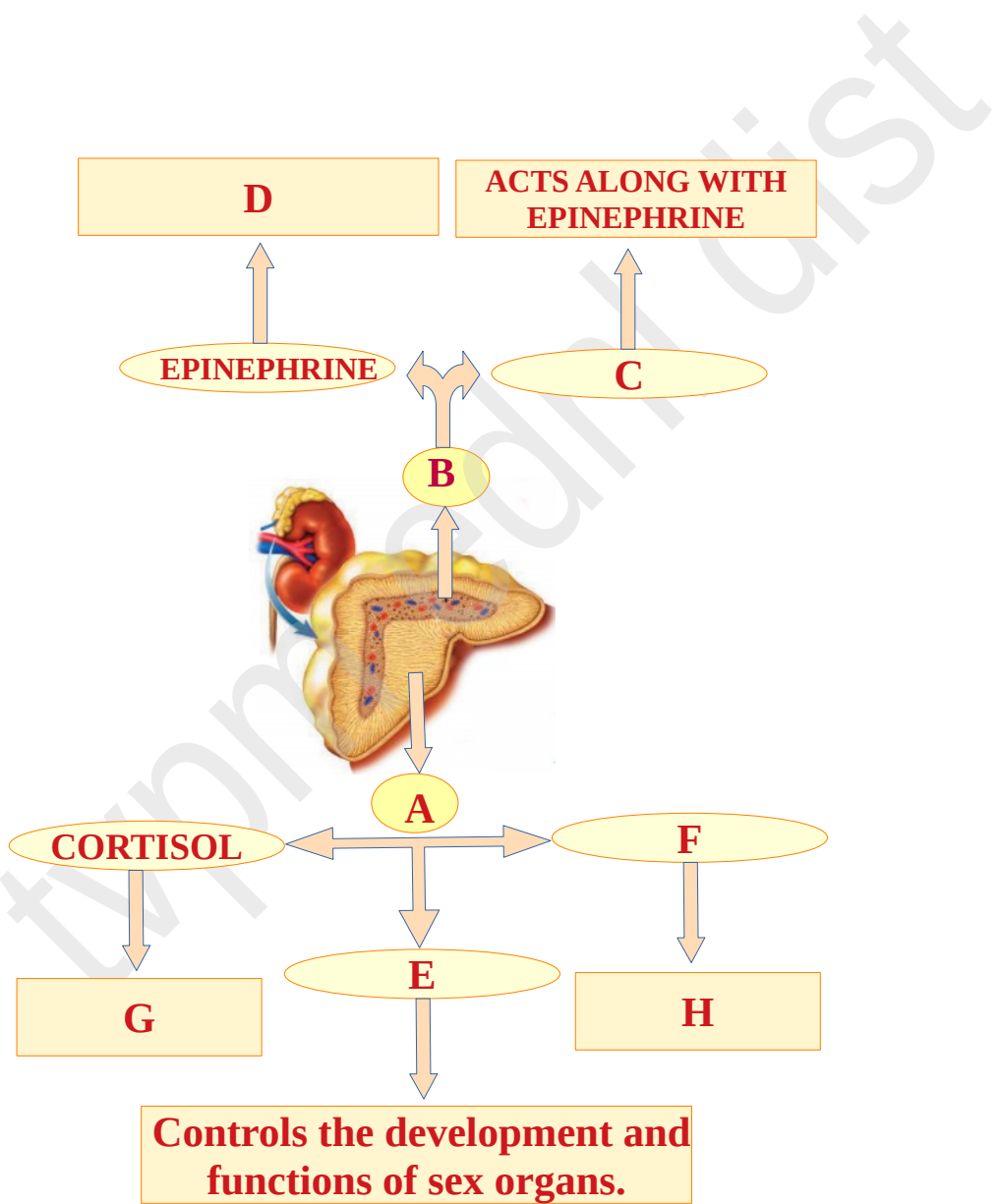


**The co-ordinated activity of the nervous system and the endocrine system equip the body to act during emergencies.**

a) Name the endocrine gland which is mentioned here.

b) Write the position of the gland.

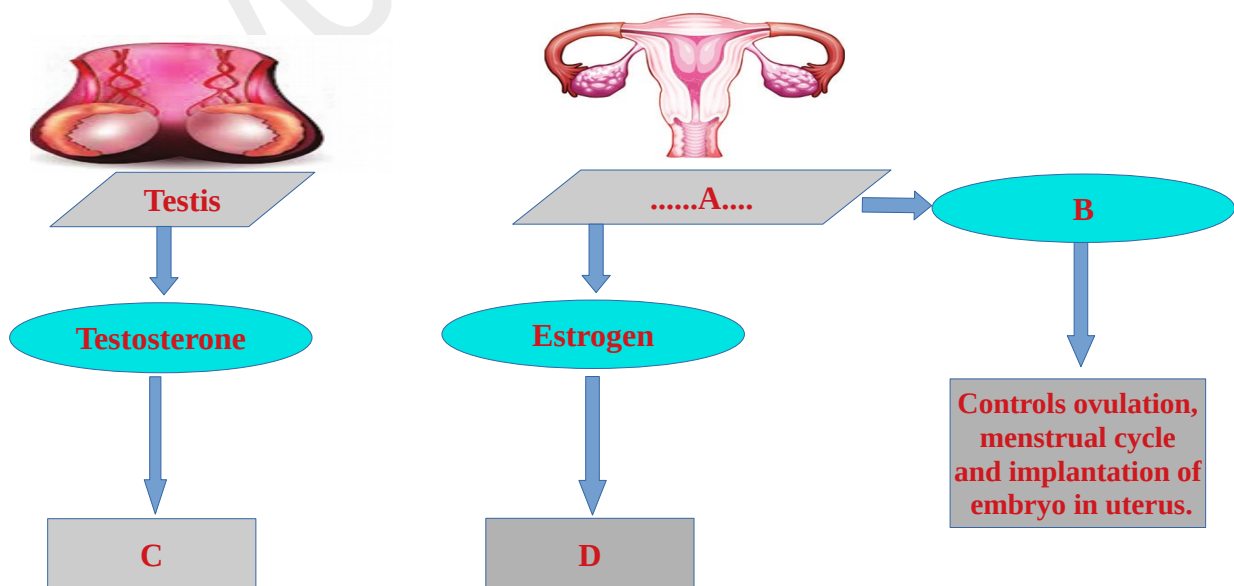
c) Complete the following illustration to identify the different parts of the gland, hormones secreted by them and their functions.



### 3. Read the conversation between Anil and his friend.



Have you noticed such changes in teenagers. Justify your answer by completing the illustration.





**6. Given below are a some statements related to certain hormones. Correct if there is any mistake in the underlined word.**

**Estrogen helps in sperm production.**

**Cortisol maintains blood pressure.**

**Progesterone helps in implantation of embryo in the uterus.**

**Aldosterone synthesise glucose from protein and fat**

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Prepared by Team Biology, Thiruvananthapuram Educational District