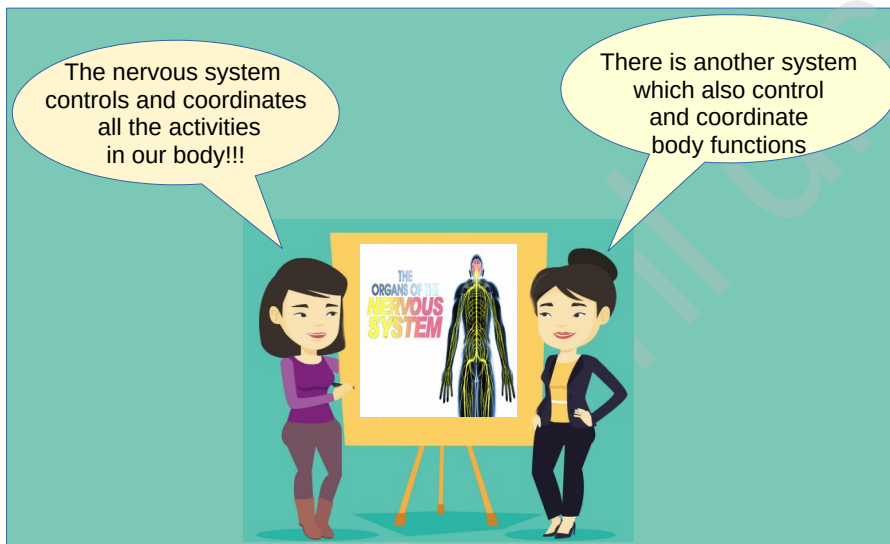


THIRUVANANTHAPURAM EDUCATIONAL DISTRICT  
BIOLOGY  
STANDARD X

BWS 4 X

1. Analyse the conversation between Meenu and Reshma and answer the following questions....



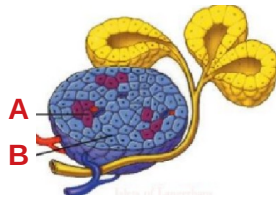
- Which is the organ system mentioned here other than nervous system ?
- What does this system include ?
- What act as chemical messenger to regulate cellular activities ?

2. Can you help Renu to identify the gland.....?



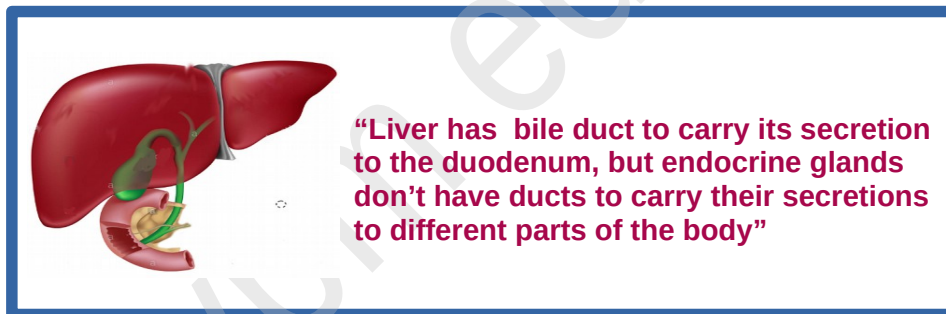
a) Identify the gland mentioned here.

b) Identify the cell clusters seen in this gland which secrete hormones.



c) Identify A and B and mention the hormones secreted by them.

3. An entry made in Meenu's science diary is given below. Analyse it and answer the following questions.

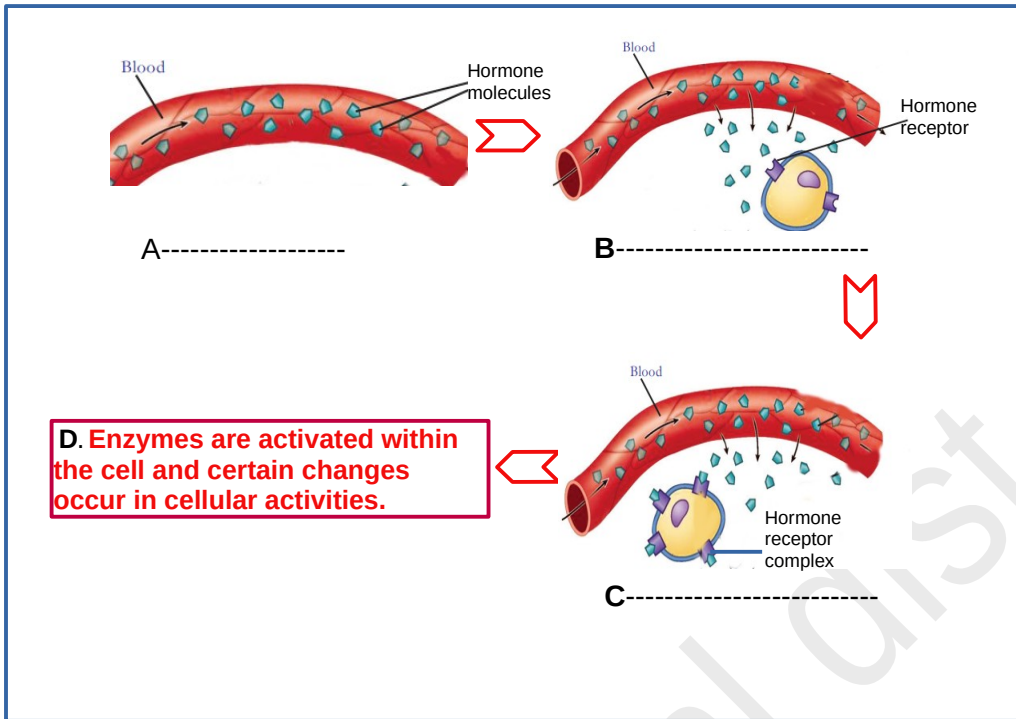


a) Do you agree with the statement ?

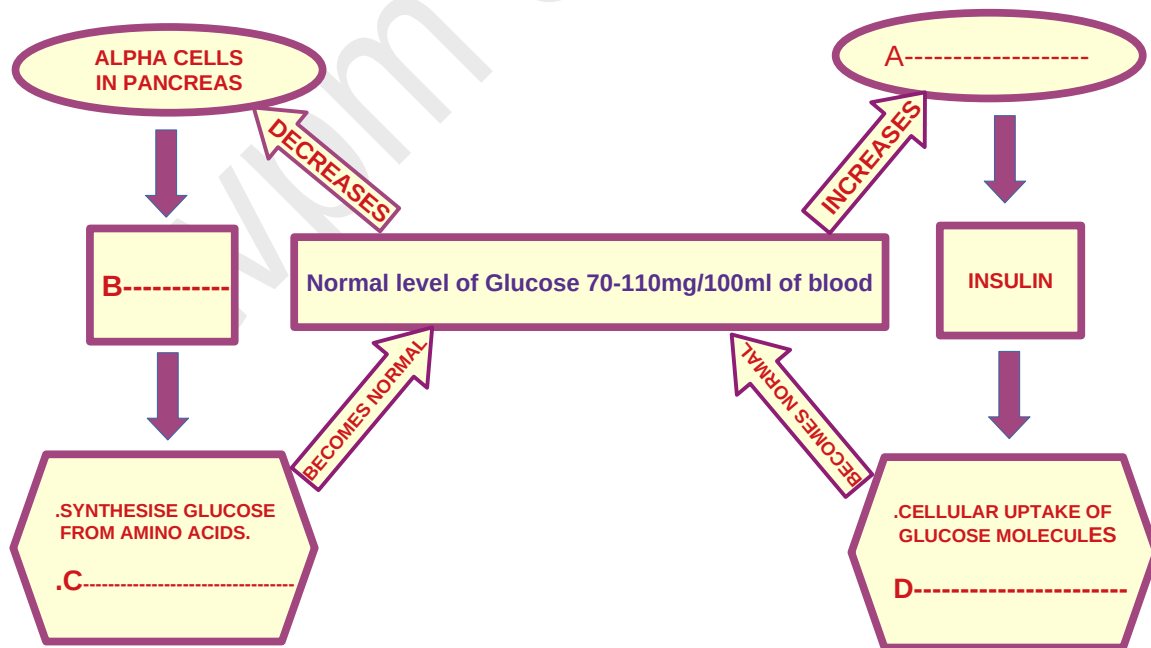
b) How the hormones secreted by endocrine glands reach different body parts?

c) Do all the hormones act upon all the cells?.

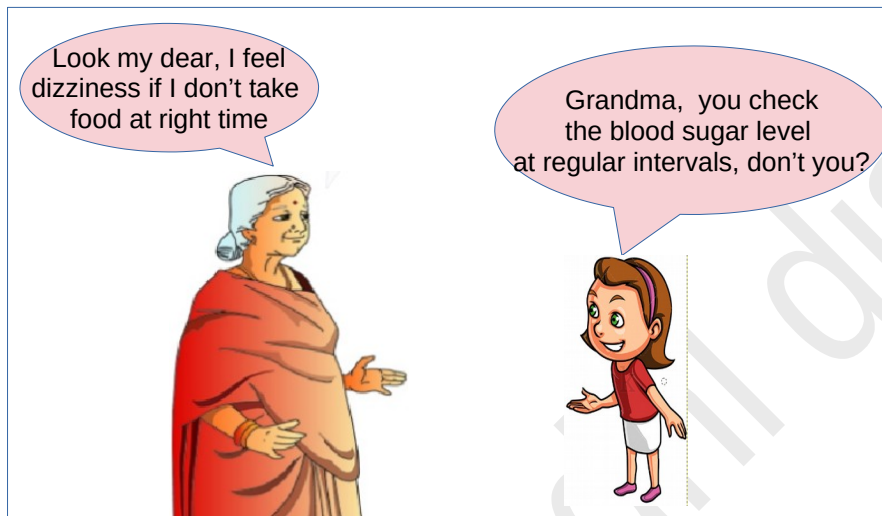
d) Analyse the illustration and complete the flow chart..



4. Complete the illustration.

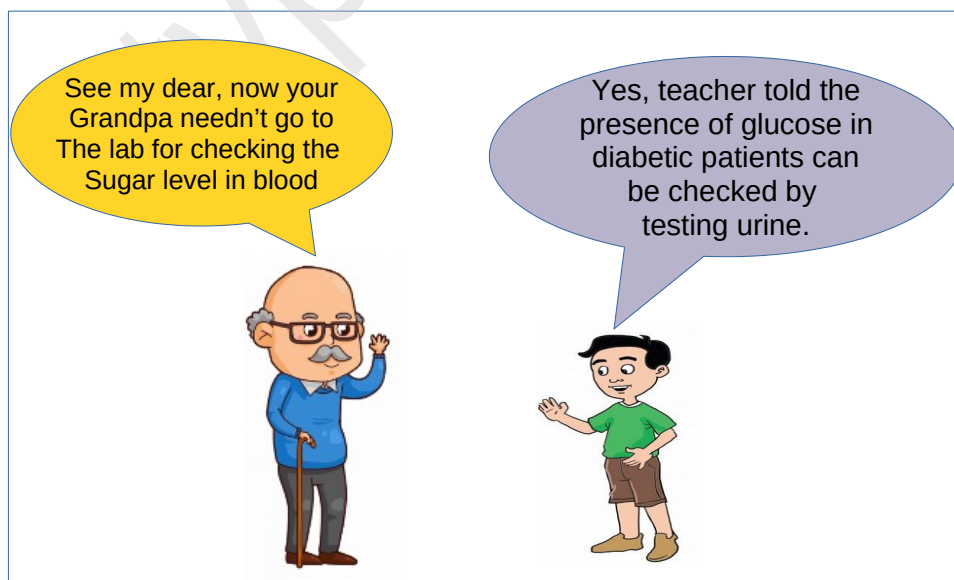


4. Analyse the conversation between Reena and her grandma and answer the questions.



- Which is the condition mentioned here?
- What is the role of regular checking of blood sugar in identifying the condition mentioned above ?

5. Analyse the conversation between Ravi and his grandfather and answer the questions.



a) Name the test which helps to find out the presence of glucose in urine.

b) Complete the steps of experiment and formulate your inferences.

