



INTERBELL STUDENT SUPPORT MATERIAL
A JOINT VENTURE OF DIET PALAKKAD & SSK



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**സാമ്പത്തികാരുജ്ജ്
 രാസസൗകരങ്ങൾ**



STANDARD : 10

BIOLOGY

DATE :10-08-2021

CLASS : 14

1.Fill in the blanks with appropriate words given in the brackets.

[Hormones, Endocrine system, Blood]

- a) _____ are chemical messengers that regulate cellular activities.
- b) Hormones are transported to different parts of the body through_____.
- c) ____is an organ system that controls and co-ordinates all activities in the body.

2. Analyse the statements given below and write the reason.

- a) Endocrine glands are known as ductless glands.
- b) Each hormone acts only upon those cells which have specific receptors.

3. Some statements related to endocrine system are given below.

- A. Hormones are the secretions of endocrine glands.
- B. Hormones are transported through lymph.
- C. Hormones are transported through blood.
- D. All the hormones produced by the endocrine glands are proteins.

- a) Choose the correct statements.
- b) Imagine that a particular hormone is not entering a particular cell. what is the reason?

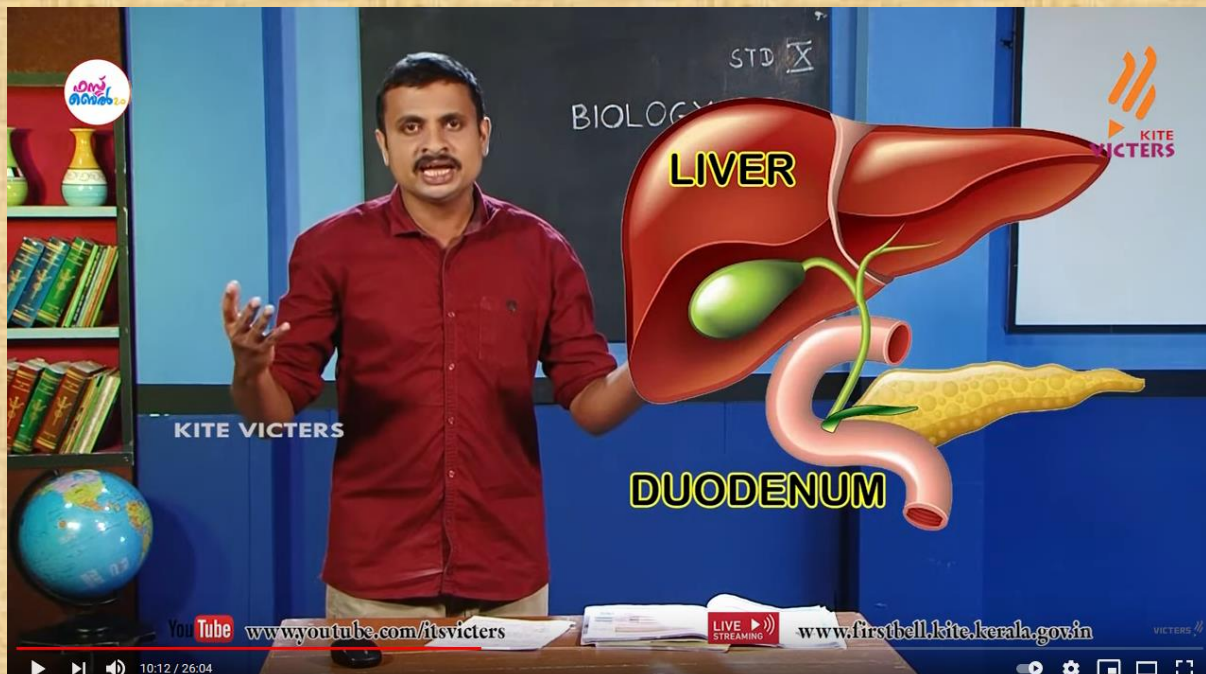
4. Prepare a flowchart on the action of hormones on target cells by rearranging the data.

- a) Enzymes become functionally active within the cell.
 - b) Endocrine gland produces hormones.
 - c) Changes occur in cellular activities.
 - d) Hormone-receptor complex is formed.
 - e) Hormone reach the target cell through blood.
 - f) Hormone molecule binds with the receptor.
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5. What is the function of endocrine system?

6. What do you mean by the 'The Target cells of the hormones' ?

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