



Silent Bells

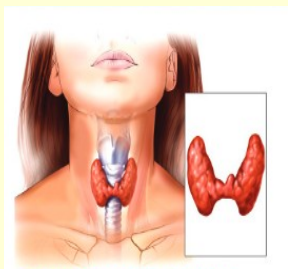


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Class: X Subject: Biology Worksheet: 2 Date: 18/08/2020 Class Link: [Click here](#)

Lesson & LO : **Chemical messages for homeostasis, to identify the location and function of hormones**

1. Identify the gland in the figure and write down the name of the hormones they produce.



2. List out the role of thyroxine in regulating biological activities.

3. Case sheets of two patients are given below. Analyse them and answer the questions.

CASE1
Age 4 years
Mental retardation
Stunted growth

CASE2
Age 42 years
High metabolic rate
Increased heartbeat
Rise in body temperature

- a) Which are the diseases with the above symptoms?
- b) Write the causes of the diseases?

4. Analyse the figure and answer the following questions:



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a) Name the condition.

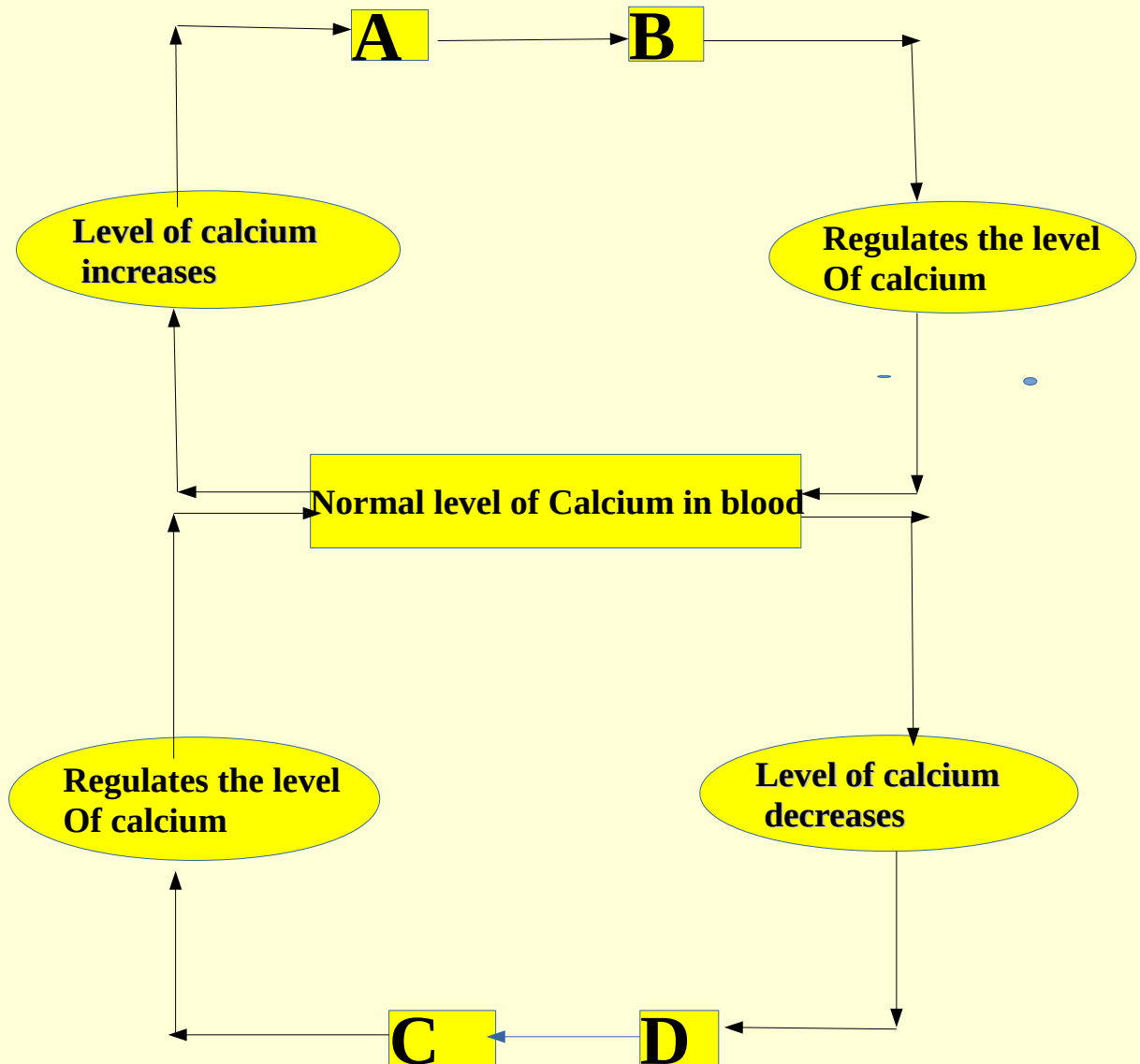
b) Write down the causes and symptoms of this condition.

5. A doctor advised one of his patients to use iodised salt and to include more leafy vegetables and marine items in his diet. What should be the reason for this recommendation?

6. Complete the statement suitably:

The __ (a) __ gland situated behind the thyroid gland secretes a hormone called parathormone which increases the level of __ (b) __ in blood

7. Observe the illustration and answer the questions:



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- What is the normal level of calcium in blood?
- Name the glands denoting **A** and **B**.
- Name the hormones denoting **C** and **D**.
- How do the hormones **C** and **D** regulate the level of calcium in blood?



Samagra video