

CLASS –X

Biology

Date:-21/04/2020

Study from the video uploaded (part-4) chapter "LIFE PROCESSES" and then write the answer of these questions in your notebook and learn it properly.

1. How do the plants get their nutrition?
2. Why do organisms need food?
3. What is the immune system?
4. Why do we need energy?

Tally your answers here:
(Questions given on 20/04/2020)

1. We start with an example, i.e., food, it provides:-
 - By it looks our brain urges to have it.
 - By its taste through tongue.
 - By masticating, you feel the richness of food.
 - In stomach acid is released which washes the food of impurities.
 - In stomach food is churned to mix with acid and enzymes for digestion of proteins.
 - In the small intestine bile juice is added to emulsified fat for digestion, and to make it alkaline for further digestion of protein, carbohydrates and fats.
 - In the small intestine the digested food is now adsorbed, adsorption is of primary molecules e.g., Aminoacids, glucose, triglycerides & fatty acids, minerals, vitamins etc.
 - The adsorbed molecules circulate through blood and they are used to make proteins needed for the building

of the body, glucose provides energy to do protein synthesis, movement, speech, growth of hairs and nails etc.

From the above illustration it is clear that all the organs of the body are in synchrony to do various activities.

1. For this question please see the answer uploaded on 14/04/20.

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