



XI-SCI : Biology  
Human Nutrition,

DATE:

TIME: 1 hour 30  
minutes

MARKS: 25

SEAT NO:

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**Note:-**

1. All Questions are compulsory.
2. Numbers on the right indicate full marks.

**Section A**

**Q.1 Select and write the correct answer.**

**(4)**

1. Which type of teeth are maximum in number of human buccal cavity?  
A) Incisors      B) Canines  
C) Premolars    D) Molars
2. Acinar cells are present in  
A) liver              B) pancreas  
C) gastric glands    D) intestinal glands
3. Reabsorption of water takes place in the  
A) stomach          B) large intestine  
C) small intestine    D) oesophagus
4. Chymotrypsin is a component of  
A) bile                  B) pancreatic juice  
C) succus entericus    D) gastric juice

**Q.2 Answer the following.**

**(3)**

1. Enlist life process that provides us energy to perform different activities.
2. Very Short Answer Questions :  
1. What is lactose intolerance?
3. Who controls the deglutition?

**Section B**

**Attempt any Four**

Q.3 Write the name of a protein deficiency disorder and write symptoms of it.

**(2)**

Q.4 Enlist the enzymes present in pancreatic juice.

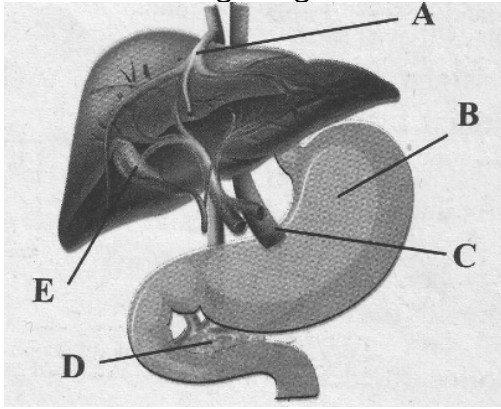
**(2)**

Q.5 Short Answer Questions :

**(2)**

Alcoholic people may suffer from liver disorder. Do you agree? Explain your answer.

- Q.6 Observe the diagram given below label the A, B, C, D, E and write the function of A, C in detail. (2)



- Q.7 Our diet includes all necessary nutrients still we need to digest it. Why is it so? (2)

- Q.8 Digestive action of pepsin comes to a stop when food reaches small intestine. Justify. (2)

**Section C**  
**Attempt any Two**

- Q.9 How are monoglycerides and fatty acids absorbed into blood? (3)

- Q.10 Explain the action of pancreatic juice (3)

- Q.11 Explain the structure of large intestine in humans. (3)

**Section D**  
**Attempt any One**

- Q.12 Long Answer Questions: (4)  
Explain the structure of tooth. Explain why human dentition is considered as thecodont, diphyodont and heterodont?

- Q.13 Write a short note on 'structure of liver'. (4)