



BIOLOGY

BOOKS - BAL BHARTI

HUMAN NUTRITION

Think About It

1. Our diet includes all necessary nutrients still we need to digest it why it is so?



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2. How can I keep my pancreas healthy. Can a person live without pancrease?



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Find Out

1. What will be the dental formula of a three year old child?



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2. What is dental caries and dental plaque?

How can one avoid it?



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3. What is heart burn? Why do we take antacids to control it?



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4. Are jaundice and hepatitis same disorders?



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Use Your Brain Power

1. Draw a neat labelled diagram of human alimentary canal and associate glands in situ.



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2. Write a note on human dentition.



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3. Liver is a vital organ. Justify.



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4. Muscularis layer in stomach is thicker than that in intestine. Why it is so?



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5. Make a flow chart for digestion of carbohydrate.



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6. What is a proenzyme? Enlist various proenzymes involved in process of digestion and state their function.



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7. Differentiate between chyme and chyle.



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8. Digestion of fats take place only after the food reaches small intestine. Give reason.



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Exercise

1. Acinar cells are present in..... .

A. liver

B. pancreas

C. gastric glands

D. intestinal glands

Answer:



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2.teeth are maximum in number in human buccal cavity.

A. Incisors

B. Canines

C. Premolars

D. Molars

Answer:



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3. Select odd one out on the basis of digestive functions of tongue.

A. Taste

B. Swallowing

C. Talking

D. Mixing of saliva in food

Answer:



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4. Complete the analogy: Ptyalin Amylase:
Pepsin..... .

A. Lipase

B. Galactose

C. Proenzyme

D. Protease

Answer:



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5. For the school athletic meet, Shriya was advised to consume either Glucon-D or fruit juice but no sugarcane juice. Why it must be so?"



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



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7. Digestive action of pepsin comes to a stop when food reaches small intestine. Justify.



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8. Small intestine is very long and coiled. Even if we jump and run, why it does not get twisted? What can happen if it gets twisted?



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9. Digestive enzymes are secreted at appropriate time in our body? How does it happen?



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10. Explain why human dentition is considered as thecodont, diphyodont, and heterodont.



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11. Explain heterocrine nature of pancreas with the help of histological structure.



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12. Write short note on Position and function of Salivary glands.



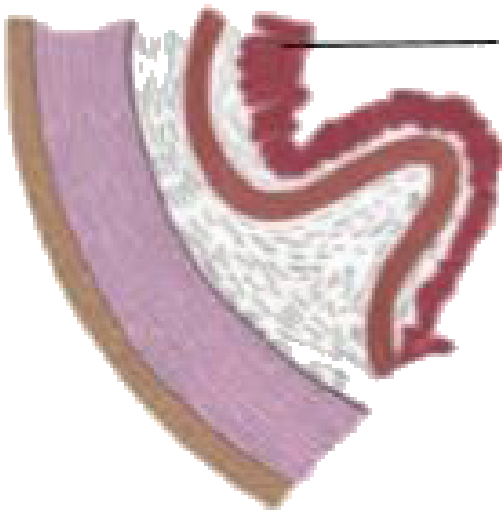
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13. Write short note on: Jaundice



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14. Observe the diagram. This is histological structure of stomach. Identify and comment on significance of the layer marked by arrow



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15. Find out pH maxima for salivary anylase, trypsin, nucleotidase and pepsin and place on the give pH scale.



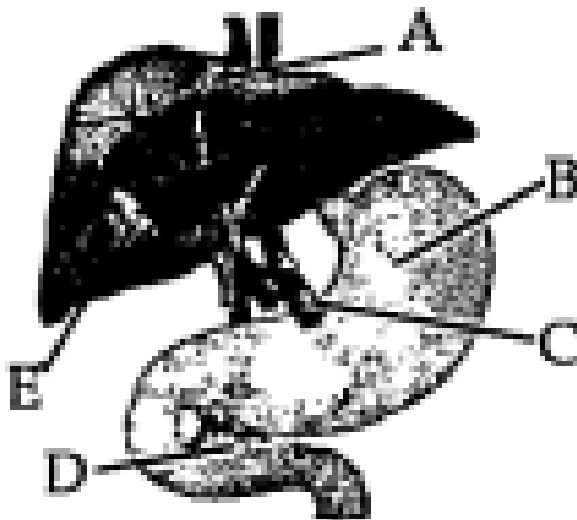
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16. Write the name of protein deficiency disorder and write symptoms of it.



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17. Observe the diagram given below label the A, B, C, D, E and write the function of A, B in detail.



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