



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 40

Class: IX

Sub: Life Science

Date: 19.06.2020

Topic: Glands associated with digestive system and Physiology of Digestion

F.M. : 15

Choose the correct option:

(1x15=15)

- The largest salivary gland is :-
a) Sub-mandibular b) Sub-lingual c) Parotid d) None of these
Answer : Parotid (c)
- The pair of salivary gland present below the tongue :-
a) Sub-lingual b) Sub-mandibular c) Parotid d) All of these
Answer : Sub-lingual (a)
- The function of HCl in stomach :-
a) Kills bacteria b) Converts pepsinogen to Pepsin c) Lower pH for pepsin to act on food
d) All of these
Answer : All of these (d)
- The process in digestion by which large molecules are broken down into simpler substances using water :-
a) Splitting b) Hydrolysis c) Lysis d) Ligation
Answer : Hydrolysis (b)
- The function of gall bladder is :-
a) Produces enzymes b) Produces bile c) Stores and recycles bile d) All of these
Answer : Stores and recycle bile (c)
- The process of intake of food via the oral orifice is called :-
a) Mastication b) Ingestion c) Chewing d) Digestion
Answer : Ingestion (b)
- On an average human digestive system produces about _____ litres of fluids.
a) 7 b) 16 c) 10 d) 20
Answer : 7 (a)
- The fluid produced by the digestive system includes :-
a) Enzymes only b) Bile c) HCl d) All of these
Answer : All of these (d)
- The function of mucus in GI tract is :-
a) Secretes enzymes b) Protective barrier c) Lubricant d) Both (b) and (c)
Answer : Both (b) and (c) (d)

10. _____ brings about emulsification of fats.

- a) Pepsin b) Lipase c) Bile d) Trypsin

Answer : Bile (c)

11. The muscular wave that helps in the movement of food in GI tract is called :-

- a) Swallowing b) Peristalsis c) Emulsification d) Mastication

Answer : Peristalsis (b)

12. Chemical digestion begins in the _____, which is the part of alimentary canal.

- a) Mouth b) Stomach c) Intestine d) Liver

Answer : Mouth (a)

13. Mechanical digestion includes :-

- a) Mastication in mouth and intestine b) Muscular mixing in stomach c) Emulsification by bile
d) All of these

Answer : All of these (d)

14. Small Intestine is the best site for absorption because :-

- a) Presence of villi to increase surface area b) Presence of blood vessels and lacteals c) Thin membrane
d) All of these

Answer : All of these (d)

15. The process by which chemicals are taken from food into the cells of the body for utilization :-

- a) Digestion b) Assimilation c) Absorption d) Egestion

Answer : Assimilation (b)

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