

1. Which of the following enzyme is not secreted by pancreas
(a) Pepsin (b) Trypsin
(c) Carboxy peptidase (d) Ribonuclease
2. In pancreas, pancreatic juice and hormones are secreted by
(a) Same cells (b) Different cells
(c) Same cells at different times (d) None of these
3. The pH of amylase present in saliva is
(a) 6 (b) 6.8 (c) 7.2 (d) 8
4. Gall bladder is stimulated by
(a) Secretin (b) Cholecystokinin
(c) Enterogastrone (d) Enterokinase
5. Zymogen cells or chief cells secrete
(a) Hydrochloric acid (b) Mucous
(c) Pepsinogen (d) Trypsinogen
6. Glucagon secreted by the alpha-cells of the islets of Langerhans does this function
(a) Glucagon converts glucose into glycogen and increases the concentration of blood sugar
(b) Glucagon converts glycogen into glucose and increases the concentration of blood sugar
(c) Glucagon converts glucose into glycogen
(d) Work similar to hormone secreted from β -cells
7. Which of the following digest proteins into peptides
(a) Erepsin (b) Rennin
(c) Pepsin (d) Lipase
8. Brunner's glands secrete
(a) Alkaline mucus (b) Acidic mucus
(c) Neutral mucus (d) Water
9. HCl is secreted by
(a) Zymogen cells (b) Oxyntic cells
(c) Kupffer cells (d) Mucous cells
10. A good source of lipase is
(a) Saliva (b) Pancreatic juice
(c) Bile (d) Gastric juice
11. In horses, rabbits hares, the cellulose gets digested in the
(a) Caecum (b) Stomach
(c) Omasum (d) Rumen

12. Pancreatic juice contains

- (a) Trypsinogen, lipase, maltase
- (b) Pepsinogen, Trypsinogen, maltase
- (c) Trypsinogen, chymotrypsinogen, amylase, lipase
- (d) Trypsinogen, pepsinogen, amylase

13. Enzyme released from stomach is

- (a) Rennin
- (b) Uricase
- (c) Pepton
- (d) Uridyl transferase

14. Liver in our body stores

- (a) Vitamin A
- (b) Vitamin D
- (c) Vitamin B₁₂
- (d) All of these

15. pH of gastric juice is -

- (a) 2
- (b) 4
- (c) 6
- (d) 8

16. In pancreas, pancreatic juice and hormones are secreted by

- (a) same cells
- (b) Different cells
- (c) Same cells at different times
- (d) Pancrease does not secrete hormone

17. Which of the following is the characteristic of mammalian liver is -

- (a) Kupffer's cells and leucocytes
- (b) Leucocytes and canaliculae
- (c) Glisson's capsules and kupffer cells
- (d) Glisson's capsules and leucocytes

18. Succus entericus is the name given to

- (a) Junction between ileum and large intestine
- (b) Intestinal juice
- (c) Swelling in the gut
- (d) Appendix

19. The number of salivary glands in man is -

- (a) Two pairs
- (b) Three pairs
- (c) Four pairs
- (d) Five pairs

20. In man, the bile juice secreted on average per day is

- (a) 700 ml
- (b) 1200 ml
- (c) 1400 ml
- (d) 1500 ml

21. The functional unit for the absorption of digested food is

- (a) Crypts of Lieberkuhn
- (b) Peyer's patches

(c) Villi

(d) Brunner's gland

22. Which one of the following is the correct matching set of gland and its secretion

(a) Pituitary gland - Thyroxin

(b) Salivary gland - Amylase

(c) Adrenal cortex - Vasopressin

(d) Islets of Langerhans - Secretin

23. Which word best describes the action of bile on fats

(a) Neutralisation

(b) Digests

(c) Emulsification

(d) Absorbs

24. Surgical removal of gall bladder in human beings would lead to

(a) Impairment of the digestion of fat

(b) Increased acidity in the intestine

(c) Jaundice

(d) Stoppage of thyroxine secretion

25. Duct of Wirsung is a duct of

(a) Liver

(b) Pancreas

(c) Gall bladder

(d) Duodenum

26. Match the type of cells listed under column I with the secretions given under column II. Choose the answer which gives the correct combination of the alphabets of the two columns

Column I**Column II****(Type of cells)****(Secretions)**

(A) Beta cells

(p) Lysozyme

(B) Mast cells

(q) Histamine

(C) Paneth cells

(r) Insulin

(D) Acinar cells

(s) Pancreatic enzymes

(a) A = r ; B = s ; C = p ; D = q

(b) A = s ; B = q ; C = p ; D = r

(c) A = r ; B = q ; C = p ; D = s

(d) A = q ; B = r , C = p , D = s

27. Lysozymes are found in -

(a) Saliva

(b) Tears

(c) Saliva and tears both

(d) Mitochondria

28. The largest gland in the human body is

(a) Liver

(b) Brain

(c) Pancreas

(d) Thyroid

29. Lactase is found in

(a) Saliva

(b) Bile

(c) Pancreatic juice

(d) Intestinal juice

30. Bilirubin and biliverdin are found in

- (a) Blood (b) Bile
(c) Pancreatic juice (d) Saliva

1. (a)
2. (b)
3. (b)
4. (b)
5. (c)
6. (b)
7. (c)
8. (a)
9. (b)
10. (b)
11. (a)
12. (c)
13. (a)
14. (d)
15. (a)
16. (b)
17. (c)
18. (b)
19. (b)
20. (a)
21. (c)
22. (b)
23. (c)
24. (a)
25. (b)
26. (c)
27. (c)
28. (a)
29. (d)
30. (b)