

QB365 Question Bank Software Study Materials

Bio - Zoology - Digestion and Absorption 50 Important 1 Marks Questions With Answers (Book Back and Creative)

11th Standard

Biology

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Choose the incorrect sentence from the following:
 - (a) Bile juice emulsifies the fat.
 - (b) Chyme is a digestive acidic food in stomach.
 - (c) Pancreatic juice converts lipid into fatty acid and glycerol.
 - (d) Enterokinase stimulates the secretion of pancreatic juice.**
- 2) What is chyme_____ ?
 - (a) The process of conversion of fat into small droplets.
 - (b) The process of conversion of micelles substances of glycerol into fatty droplet.
 - (c) The process of preparation of incompletely digested acidic food through gastric juice.**
 - (d) The process of preparation of completely digested liquid food in midgut.
- 3) Which of the following hormones stimulate the production of pancreatic juice and bicarbonate?
 - (a) Angiotensin and epinephrine
 - (b) Gastrin and insulin
 - (c) Cholecystokinin and secretin**
 - (d) Insulin and glucagon
- 4) The sphincter of Oddi guards _____.
 - (a) Hepatopancreatic duct**
 - (b) Common bile duct
 - (c) Pancreatic duct
 - (d) Cystic duct
- 5) In the small intestine, active absorption occurs in case of _____.
 - (a) Glucose
 - (b) Amino acids
 - (c) Na⁺**
 - (d) All the above
- 6) Which one is incorrectly matched?
 - (a) Pepsin - Stomach
 - (b) Renin -Liver**
 - (c) Trypsin - Intestine
 - (d) Ptyalin - Mouth
- 7) Absorption of glycerol, fatty acids and monoglycerides takes place by _____.
 - (a) Lymph vessels within villi**
 - (b) Walls of stomach
 - (c) Colon
 - (d) Capillaries within villi
- 8) First step in digestion of fat is _____.
 - (a) Emulsification**
 - (b) Enzyme action
 - (c) Absorption by lacteals
 - (d) Storage in adipose tissue
- 9) Enterokinase takes part in the conversion of _____.
 - (a) Pepsinogen into pepsin
 - (b) Trypsinogen into trypsin**
 - (c) Protein into polypeptide
 - (d) Caseinogen into casein
- 10) Which of the following combinations are not matched?
 - (a)

Column I	Column II
(a) Bilirubin and biliverdini	(i) Intestinal juice
 - (b)

Column I	Column II
(b) Hydrolysis of starch	(ii) Amylases
 - (c)

Column I	Column II
(c) Digestion of fat	(iii) Lipases

(d)

Column I	Column II
(d) Salivary gland	(iv) Parotid

- 11) Match column I with column II and choose the correct option

Column I	Column II
(P) Small intestine	i) Largest factory
(Q) Pancreas	ii) Absorption of water
(R) Liver	iii) Carrying electrolytic solution
(S) Colon	iv) Digestion and absorption

(a)	(b)	(c)	(d)
P Q R S	P Q R S	P Q R S	P Q R S
iv iii i ii	iiii i iv	iv iii i i	ii iv iii i

12) Match column I with column II and choose the correct option

Column I	Column II
(P) Small intestine	i) 23 cm
(Q) Large intestine	ii) 4 meter
(R) Oesophagus	iii) 12.5 cm
(S) Pharynx	iv) 1.5 meter

(a)	(b)	(c)	(d)
P Q R S	P Q R S	P Q R S	P Q R S
iv ii i iii	ii iv i iii	i iii i iv	iii ii iv

13) Match column I with column II and choose the correct option

Column I	Column II
(P) Lipase	i) Starch
(Q) Pepsin	ii) Casein
(R) Renin	iii) Protein
(S) Ptyalin	iv) Lipid

(a)	(b)	(c)	(d)
P Q R S	P Q R S	P Q R S	P Q R S
iv ii i iii	iii iv ii i	iv iii i i	iii ii iv i

14) Which of the following is not the function of liver?

- (a) **Production of insulin** (b) Detoxification (c) Storage of glycogen (d) Production of bile

15) **Assertion :** (A) Large intestine also shows the presence of villi like small intestine.

Reason : (B) Absorption of water takes place in large intestine.

- (a) Both A and B are true and B is the correct explanation of A
 (b) Both A and B are true but B is not the correct explanation of A (c) A is true but B is false (d) **A is false but B is true**

16) Which of the following is not true regarding intestinal villi?

- (a) They possess microvilli. (b) They increase the surface area.
 (c) They are supplied with capillaries and the lacteal vessels (d) **They only participate in digestion of fats.**

17) The _____ teeth are chisel shaped.

- (a) **Incisor** (b) Canine (c) Premolar (d) Molar

18) Brunner's glands are seen in the _____

- (a) ileum (b) jejunum (c) large intestine (d) **duodenum**

19) Deglutition refers to _____

- (a) **swallowing** (b) assimilation (c) absorption (d) egestion

20) Match the Following:

Column I	Column II
1) Nuclease	(A) Saliva
2) Mucus	(B) Pancreas

3) Lysozyme	(C) Intestine
4) Succus entericus	(D) Goblet cells

(a)	(b)	(c)	(d)
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
B D A C	A C D B	B D C A	A B D C

- 21) **Assertion (A):** Bicarbonates maintain the pH of saliva between 5.4 - 7.4.
Reason(R): If saliva becomes alkaline the tooth enamel may get dissolved.
- (a) A and R are wrong (b) R explains A (c) A and R are right but R does not explain A **(d) A is right R is wrong**
- 22) Nutrients like amino acids, glucose and electrolytes are absorbed into the blood by _____
- (a) Active transport** (b) Passive transport (c) Diffusion (d) Osmosis
- 23) Hiatus hernia is not caused by _____
- (a) heart burn** (b) pressure around the stomach (c) lifting heavy object (d) vomiting
- 24) _____ is a vestigial organ in the alimentary canal of man.
- (a) Vermiform appendix** (b) Colon (c) Islets of Langerhans (d) Salivary gland
- 25) Peptic ulcer is caused by the bacterium called _____
- (a) Streptococcus (b) Vibrio cholerae (c) Lactobacillus **(d) Helicobacter pylori**
- 26) The 'V' shaped part of the small intestine is _____.
- (a) ileum (b) jejunum **(c) duodenum** (d) colon
- 27) Which of the following does not contain any enzyme?
- (a) gastric juice **(b) bile** (c) pancreatic juice (d) succus entericus
- 28) Identify the odd one
- (a) maltose (b) lactose (c) sucrose **(d) sucrase**
- 29) Human intestine is large because _____
- (a) Bacteria in the food moves slowly (b) Substances of food digest slowly
(c) It provide more space for the absorption of digested food (d) It provide more space for the storage of food
- 30) Secretin stimulates production of _____
- (a) Saliva (b) Gastric juice (c) Bile **(d) Pancreatic juice**
- 31) Cholesterol is synthesised in _____
- (a) Brunner's glands **(b) Liver** (c) Spleen (d) Pancreas
- 32) Muscular contraction of alimentary canal are _____
- (a) Circulation (b) Deglutition (c) Churning **(d) Peristalsis**
- 33) Secretin hormone is produced by _____
- (a) Stomach (b) Liver **(c) Intestine** (d) Pancreas
- 34) Pepsin is secreted by _____
- (a) Peptic cells** (b) Zymogen cells of stomach (c) Zymogen cells of duodenum (d) Pancreas
- 35) Hormone that stimulates stomach to secrete gastric juice is _____
- (a) Renin (b) Enterokinase (c) Enterogastrone **(d) Gastrin**

- 36) Which is different _____
 (a) Gastrin (b) Secretin **(c) Ptyalin** (d) Glucagon
- 37) Dental formula shows _____
 (a) Structure of teeth (b) Monophyodont or diphyodont condition **(c) Number and type of teeth in both jaws**
 (d) Number and type of teeth in one half of both jaws
- 38) pH of gastric juice / stomach is _____
(a) 1.5 -3.0 (b) 5.0 - 6.8 (c) 7.0 - 9.0 (d) 6.0 -8.0
- 39) Bile salts take part in _____
 (a) Digestion of carbohydrates (b) Brokedown of proteins **(c) Emulsification of fat** (d) Absorption of glycerol
- 40) Which ones are bile salts _____
 (a) Haemoglobin and biliverdine (b) Bilirubin and biliverdine (c) Bilirubin and Haemoglobin
(d) Sodium glycolate and taurocholate
- 41) Both the crown and root of a tooth is covered by a layer of bony hard substance called.
 (a) Enamel (b) Dentin (c) Bony socket **(d) Cementum**
- 42) A hard tartar layer is formed by _____.
 (a) Calcium, phosphorus **(b) Calcium, magnesium** (c) Calcium, fluorine (d) Magnesium, fluorine
- 43) Secretion of intestinal juice/succus entericus are controlled by _____.
 (a) Parasympathetic nerve fiber **(b) Sympathetic nerve fibers** (c) Efferent nerve fibers (d) Afferent nerve fibers
- 44) What would be an average measurements of duodenum, jejunum and ileum of small intestine respectively?
 (a) 25 cm, 1, 4.4 m, 1 and 3.4 m, 1 (b) 3.5 m, 1, 25 cm, 1 and 2.4 m, 1 **(c) 25 cm, 1, 2.4 m, 1 and 3.5 m, 1**
 (d) 25 cm, 1, 3.5 m, 1 and 2.4 m, 1
- 45) What would be the pH value of gastric juice?
(a) 1.8 (b) 2.8 (c) 3.8 (d) 4.8
- 46) Which of the following is not a monosaccharide?
(a) Lactose (b) Fructose (c) Glucose (d) Galactose
- 47) Which of the following enzyme serves as a catalytic enzyme?
 (a) HCL **(b) Enterokinase** (c) Lipase (d) Renin
- 48) Doctors use stethoscope to hear the sound; produced during each cardiac cycle. The second sound is heard when:
 (a) AV node receives signal from SA node (b) AV valves (c) Ventricular wall vibrate due to gushing of blood from atria
(d) Semilunar valves close down after the blood flows into vessels from Ventricles.
- 49) what is the dental formula of human?
(a) $\frac{2123}{2123}$ (b) $\frac{2213}{2213}$ (c) $\frac{2312}{2312}$ (d) $\frac{2321}{2321}$
- 50) Match the following pairs
- | | |
|--------------------------|----------------------|
| (P) Zymogen cells | (i) Liver |
| (Q) Crypts of leiberkuhn | (ii) Anal canal |
| (R) Glisson's capsule | (iii) Stomach |
| (S) Haemorrhoids | (iv) Small intestine |
- (a) P - ii Q - iv R - i S - iii (b) P - iii Q - ii R - i S - iv **(c) P - iii Q - iv R - i S - ii** (d) P - iii Q - iv R - ii S - i