

ZOOLOGY

ENTHUSIAST | LEADER | ACHIEVER



EXERCISE

Digestion and Absorption

ENGLISH MEDIUM



EXERCISE-I (Conceptual Questions)

ALIMENTARY CANAL (MOUTH TO ANUS)

- 1. Parietal cells of mucosa in stomach secrete:
 - (1) Mucin
- (2) Pepsin
- (3) HCl
- (4) All of the above

DS0001

- **2.** Which cells of mucous layer of stomach secrete pepsinogen?
 - (1) Chief cell
- (2) Goblet cell
- (3) Parietal cell
- (4) Oxyntic cell

DS0004

- **3.** Innermost layer of mucosa is made up of columnar epithelium except :-
 - (1) Oesophagus
- (2) Duodenum
- (3) Intestine
- (4) Stomach

DS0005

- **4**. How many teeth in man grows twice in life:
 - (1)32
- (2)28
- (3)20
- (4) 12

DS0006

- 5. In human which teeth help in cutting?
 - (1) Canine
- (2) Incisor
- (3) Molar
- (4) Premolar

DS0007

DIGESTIVE GLANDS

- **6**. In human being sphincter of Oddi is situated in :-
 - (1) Common bile duct
 - (2) Ampulla of Vater
 - (3) Main pancreatic duct
 - (4) Common hepatic duct

DS0009

- 7. Ptyalin is secreted by-
 - (1) Stomach
- (2) Salivary gland
- (3) Pancreas
- (4) Bile

DS0010

- 8. Ptyalin, an enzyme work in saliva in -
 - (1) Alkaline medium
 - (2) almost neutral medium
 - (3) Acidic medium
 - (4) all media

DS0011

Build Up Your Understanding

- **9.** In pancreas, pancreatic juice and hormone are secreted by-
 - (1) Islets of Langerhans
 - (2) Cells of Acini and Islets of Langarhans respectively
 - (3) Istets of Langerhans and cells of Acini respectively
 - (4) None of these.

DS0012

- **10**. C-shaped widest part of intestine
 - (1) Pancreas
- (2) Liver
- (3) Duodenum
- (4) Thyroid

DS0013

- **11.** Which substance destroy the harmful bacteria in stomach?
 - (1) Cerumin
- (2) Chyme
- (3) HCI
- (4) Secretin

DS0014

- **12.** One of the following is not a constituent of saliva:-
 - (1) Bicarbonate
- (2) Lysozyme
- (3) Glucose
- (4) Immunoglobulin

DS0015

- 13. What statement is wrong about bile?
 - (1) It is necessary for fat digestion
 - (2) It is stored in the gall bladder
 - (3) It is important only for normal digestion of sugar
 - (4) It activates lipase

DS0016

- **14**. Which of the following is a function of gall bladder?
 - (1) Deamination
 - (2) Bile storage
 - (3) Synthesis of plasma protein
 - (4) Storage of fat soluble vitamin

DS0017

- **15**. Crypts of Leiberkuhn are found in between the villi. They secrete:
 - (1) Glucagon
- (2) Succus entericus
- (3) Insulin
- (4) Gastric juice

Pre-Medical

- **16**. Parotid salivary glands are present :
 - (1) Below the tongue
 - (2) Below the ears
 - (3) Below the eye orbits
 - (4) In the angle between two jaws

DS0019

- **17.** Specific cells found in liver are :
 - (1) Enterocyte cells
 - (2) Beta cells
 - (3) Hepatic cells
 - (4) Islets of Langerhans

DS0021

PHYSIOLOGY OF DIGESTION AND OTHERS

- 18. Casein present in milk, which is -
 - (1) bacterium
- (2) sugar
- (3) protein
- (4) fat

DS0023

- 19. Amylase enzyme acts on the -
 - (1) Starch
- (2) Protein
- (3) Fat
- (4) Cane sugar

DS0024

- 20. Liver cells secrete-
 - (1) amylopsin
 - (2) trypsin
 - (3) lipase
 - (4) bile

DS0025

- **21.** Peristaltic movements found in different parts of alimentary canal. In which one of these there is least peristalsis-
 - (1) Stomach
- (2) Duodenum
- (3) Rectum
- (4) Oesophagus

DS0026

- **22**. Milk protein is curdled into calcium paracaseinate by -
 - (1) Maltose
- (2) Rennin
- (3) Trypsin
- (4) lactose

DS0027

- 23. The enzyme invertase (sucrase) hydrolyses-
 - (1) Glucose into sucrose
 - (2) Sucrose into glucose and fructose
 - (3) Starch into maltose
 - (4) Starch into sucrose

DS0028

- 24. Amino acids are absorbed in-
 - (1) Blood capillaries of villi
 - (2) Wall of rectum
 - (3) lacteals and blood capillaries of villi
 - (4) lacteals of villi

DS0029

- 25. Digestion of carbohydrate is affected by-
 - (1) Amylopsin
- (2) Lipase
- (3) Erepsin
- (4) Pepsin

DS0030

- 26. Trypsin is secreted by-
 - (1) Pancreas
- (2) Stomach
- (3) Liver
- (4) Ileum

DS0031

- 27. Proteins are broken down into amino acids in-
 - (1) Buccal cavity
- (2) Stomach
- (3) Intestine
- (4) Rectum

DS0032

- **28**. Which reserve food is consumed by man during starvation?
 - (1) Fat
- (2) Protein
- (3) Glucose
- (4) Vitamin

DS0033

- **29**. Ptyalin cannot work in stomach, because it becomes-
 - (1) Inactive due to HCl
 - (2) Inactive due to renin
 - (3) Inactive due to pepsin
 - (4) None of these

DS0034

- 30. What is the important function of bile-
 - (1) Emulsification of fats
 - (2) Elimination of excretory products
 - (3) For digestion by enzymes
 - (4) Coordination of digestive activities

DS0035

- 31. Some proteolytic enzymes are-
 - (1) Trypsin, Erepsin, Pepsin
 - (2) Amylase, Lipase, Zymase
 - (3) Amylopsin, Steapsin, Ptyalin
 - (4) Urease, Dehydrogenase, Zymase

- 32. Succus entericus is secreted by-
 - (1) Gastric glands
 - (2) Islets of langerhans
 - (3) Crypts of lieberkuhn & Brunner's gland
 - (4) Goblet cells

- 33. Glycogen is stored in-
 - (1) Blood
- (2) Liver
- (3) Lungs
- (4) Kidney

DS0038

- 34. Chymotrypsin is-
 - (1) Proteolytic enzyme
 - (2) Fat digestive enzyme
 - (3) Vitamin
 - (4) Hormone

DS0039

- 35. Emulsification of fats by bile takes place in-
 - (1) Duodenum
- (2) Liver
- (3) Stomach
- (4) Intestine

DS0040

- **36**. Absorption of digested food chiefly occurs in-
 - (1) Stomach
- (2) Colon
- (3) Small Intestine
- (4) Large Intestine

DS0041

- 37. The enzyme trypsinogen is secreted from-
 - (1) Duodenum
- (2) Pancreas
- (3) Liver
- (4) Stomach

DS0042

- **38.** Enzyme pepsin acts upon food at a pH of about-
 - (1) 1.8 to split proteins
 - (2) 2 to split carbohydrate
 - (3) 7 to change protein into peptones
 - (4) 2 to change protein in amino acids

DS0043

- **39**. Our food mainly contains-
 - (1) Carbohydrates
- (2) Cellulose
- (3) Sucrose
- (4) Glucose

DS0044

- **40**. Which one differ from the category of other three-
 - (1) Gastrin
- (2) Glucagon
- (3) Secretin
- (4) Ptyalin

DS0045

- **41.** A carbohydrate splitting enzyme is secreted by -
 - (1) Liver
 - (2) Zymogen cells of gastric glands
 - (3) Spleen
 - (4) Crypts of Lieberkuhn

DS0046

- **42**. Stomach is the main site for the digestion of -
 - (1) Fats
- (2) Carbohydrate
- (3) Protein
- (4) All of these

DS0047

- **43.** The hormone involved in the discharge of pancreatic juice in mammal is called-
 - (1) Gastrin
- (2) Secretin
- (3) Secretin & CCK
- (4) Enterogasterone

DS0048

- 44. Function of HCl in stomach is to-
 - (1) Kill micro-organism of food
 - (2) Facilitate absorption of food
 - (3) Dissolve hormones secreted by gastric glands
 - (4) Active trypsinogen to trypsin

DS0049

- **45.** Enzyme **maltase** in human gut acts on food at a pH of -
 - (1) More than 7 to change starch into maltose.
 - (2) Less than 7 to change starch into maltose.
 - (3) More than 7 to change maltose into glucose.
 - (4) Less than 7 to change maltose into glucose.

DS0050

- **46**. Simple sugar of blood is-
 - (1) Dextrin
- (2) Lactose
- (3) Sucrose
- (4) Glucose

DS0051

- **47.** During prolonged starvation, body derives nutrition from storage of -
 - (1) Liver and adipose tissue
 - (2) Spleen
 - (3) Liver and lungs
 - (4) Subcutaneous fat and Pancreas

ALLEN®

Biology: Digestion and Absorption

Pre-Medical

48. Enterokinase stimulates which of the following-

(1) Pepsinogen

(2) Trypsin

(3) Pepsin

(4) Trypsinogen

DS0053

49. Maximum digestion of food take place in –

(1) Stomach

(2) Jejunum

(3) Colon

(4) Duodenum

DS0054

50. Absence of which of these in bile will make fat digestion difficult-

(1) Cholesterol

(2) Bile salts

(3) Pigment

(4) Acids

DS0055

51. Pancreatic juice is released into-

(1) Duodenum

(2) Ileum

(3) Stomach

(4) Jejunum.

DS0056

52. The enzyme that catalyse the changing of emulsified fats to fatty acids and glycerol is-

(1) Pepsin

(2) Lipase

(3) Amylase

(4) Sucrose

DS0057

53. Point out the odd one-

(1) Rennin

(2) Secretin

(3) Calcitonin

(4) Oxytocin

DS0058

54. Pancreatic lipase acts upon-

(1) Glycogen

(2) Triglycerides

(3) Dissacharides

(4) Polypeptides

DS0059

55. Bile is formed in-

(1) Gall bladder

(2) Liver

(3) Spleen

(4) Blood

DS0060

56. Cholecystokinin is secretion of

(1) Duodenum that causes contraction of gall bladder

(2) Goblet cells of ileum stimulates secretion of succus entericus

(3) Liver and controls secondary sex characters

(4) Stomach that stimulates pancreas to release juice

DS0061

57. Enzyme trypsinogen is changed to trypsin by

(1) Gastrin

(2) Enterogastrone

(3) Enterokinase

(4) Secretin

DS0062

58. Castle's intrinsic factor is connected with internal absorption of-

(1) Pyridoxine

(2) Riboflavin

(3) Thiamine

(4) Cyanocobalamine

DS0063

59. Cholesterol is synthesized in-

(1) Brunner's gland

(2) Liver

(3) Spleen

(4) Pancreas

DS0065

60. Rennin acts on-

(1) Milk changing casein into calcium paracaseinate at 7.2 - 8.2 pH

(2) Proteins in stomach

(3) Fat in intestine

(4) Milk, changing casein into calcium paracaseinate at 1-3 pH

DS0066

61. Lacteals take part in -

(1) Digestion of milk

(2) Absorption of fat

(3) Digestion of lactic acid

(4) None of the above

DS0067

62. Fatty acids and glycerol are first absorbed by-

(1) Lymph vessels

(2) Blood

(3) Blood capillaries

(4) Hepatic portal Vein



- 63. During prolonged fasting-
 - (1) First fats are used up, followed by carbohydrate from liver and muscles, and protein in the end
 - (2) First carbohydrate are used up, followed by fat and proteins towards end
 - (3) First lipids, followed by proteins and carbohydrates towards end.
 - (4) None of the above

- **64**. Which of the following is absorbed in ileum-
 - (1) Fat
 - (2) Bile salts
 - (3) Vit-K
 - (4) Glucose

DS0071

- **65**. Which food substance is absorbed, without digestion?
 - (1) Carbohydrates
 - (2) Proteins
 - (3) Vitamins
 - (4) Fats

DS0072

- **66**. Mucus is secreted by the :-
 - (1) Stomach
 - (2) Duodenum
 - (3) Large intestine
 - (4) All of the above

DS0073

- **67**. Water absorption mainly occur in :-
 - (1) Buccal cavity
 - (2) Intestine
 - (3) Stomach
 - (4) Appendix

DS0074

- **68.** Which of the following absorbed in proximal intestine?
 - (1) Iron
 - (2) Sodium
 - (3) Bile salts
 - (4) Vitamin B_{12}

DS0075

- **69.** Substances which are not related with hepatic portal circulation:-
 - (1) Amino acid
 - (2) Fatty acid
 - (3) Glucose
 - (4) Electrolytes

DS0076

- 70. Jaundice is a disorder of:
 - (1) Skin and eyes
 - (2) Digestive system
 - (3) Circulatory system
 - (4) Excretory system

DS0077

- **71**. Lactose composed of :-
 - (1) Glucose + galactose
 - (2) Glucose + fructose
 - (3) Glucose + glucose
 - (4) Glucose + mannose

DS0078

- **72.** If for some reason the parietal cells of the gut epithelium become partially nonfunctional, what is likely to happen?
 - (1) The pH of stomach will fall abruptly
 - (2) Steapsin will be more effective
 - (3) Proteins will not be adequately hydrolysed by pepsin into proteoses and peptones
 - (4) The pancreatic enzymes and specially the trypsin and lipase will not work efficiently

DS0079

- **73.** In stomach after physical and chemical digestion food is called:-
 - (1) Chyme
- (2) Chyle
- (3) Amino acid
- (4) Bolus

DS0080

- **74.** Fully digested food reaches to liver by
 - (1) Hepatic portal vein
 - (2) Hepatic artery
 - (3) Hepatic vein
 - (4) All the above

75 .	Α	person	who	is	eating	rice.	His	food
	co	ntains						

- (1) Cellulose
- (2) Starch
- (3) Lactose
- (4) Protein

DS0082

- 76. In mammals, milk is digested by action of-
 - (1) Rennin
 - (2) Amylase
 - (3) Intestinal bacteria
 - (4) Invertase

DS0083

- **77.** Stool of a person contain whitish grey colour due to malfunctioning of :-
 - (1) Pancreas
- (2) Spleen
- (3) Kidney
- (4) Liver

DS0084

- **78**. Which of the following is a disachharide :-
 - (1) Glucose
- (2) Fructose
- (3) Sucrose
- (4) Galactose

DS0085

- **79**. If all the peptide bonds of protein are broken, then the remaining part is:-
 - (1) Amide
 - (2) Oligosaccharide
 - (3) Polypeptide
 - (4) Amino acid

DS0086

- 80. Hydrolysis of lipid yields :-
 - (1) Fats
 - (2) Fatty acids and glycerol
 - (3) Mannose and glycerol
 - (4) Maltose and fatty acid

DS0087

- **81**. Stomach in vertebrates is the main site for digestion of :
 - (1) Proteins
- (2) Carbohydrates
- (3) Fats
- (4) Nucleic acids

DS0090

- **82.** The chief function of bile is to:
 - (1) Digest fat by enzymatic action
 - (2) Emulsify fats for digestion
 - (3) Eliminate waste products
 - (4) Regulate digestion of proteins

DS0091

- **83**. The toxic substance are detoxicated in the human body by :
 - (1) Lungs
- (2) Kidneys
- (3) Liver
- (4) Stomach

DS0092

- **84**. The end product of carbohydrate digestion is :-
 - (1) glucose
 - (2) amino acids
 - (3) vitamines
 - (4) minerals

DS0093

- **85**. The muscular contraction in the alimentary canal is known as :
 - (1) Systole
- (2) Diastole
- (3) Peristalsis
- (4) Spasm

DS0094

- **86**. End products of protein hydrolysis are :
 - (1) Mixture of amino acids
 - (2) Sugars
 - (3) Peptides
 - (4) 25 amino acids

DS0095

- **87**. Ptyalin is an enzyme of
 - (1) Salivary juice
 - (2) Pancreatic juice
 - (3) Intestinal juice
 - (4) Bile

DS0096

- **88**. The hormone 'secretin' stimulates secretion of
 - (1) Pancreatic juice
- (2) Intestinal juice
- (3) Salivary juice
- (4) Gastric juice

DS0097

- **89.** Succus entericus is also called are:
 - (1) Gastric juice
- (2) Intestinal juice
- (3) Bile juice
- (4) Saliva

DS0099

- **90.** Just as hydrochloric acid is for pepsinogen, so is the:
 - (1) Haemoglobin to oxygen
 - (2) Enterokinase to trypsinogen
 - (3) Bile juice to fat
 - (4) Glucagon to glycogen

- **91.** Where the lysozymes are found:
 - (1) In saliva and tears both
 - (2) In tears
 - (3) In saliva
 - (4) In mitochondria

- **92.** The major site of protein breakdown to form free amino acids, is in the
 - (1) Kidney
- (2) Spleen
- (3) Intestine
- (4) Bone-marrow

DS0102

- **93.** Trypsin differs from pepsin because it digests:
 - (1) Carbohydrate in alkaline medium in stomach
 - (2) Protein, in alkaline medium in stomach
 - (3) Protein, in acidic medium of stomach
 - (4) Protein, in alkaline medium in duodenum

DS0103

- **94.** Pancreatic juice is:
 - (1) Alkaline in nature
 - (2) Acidic in nature
 - (3) Neutral in nature
 - (4) Both acidic and alkaline in nature

DS0104

- 95. Bilirubin and Biliverdin are present in:
 - (1) Pancreatic Juice
- (2) Saliva
- (3) Bile juice
- (4) Intestinal juice

DS0105

- **96.** The function of Gastrin hormone is :
 - (1) To control excretion
 - (2) To inhibit gastric juice secretion
 - (3) Regulate the absorption of food
 - (4) To stimulate gastric glands to release gastric juice

DS0107

- **97.** What is the common passage for bile and pancreatic juices?
 - (1) Ampulla of Vater
 - (2) Ductus Choledochus
 - (3) Duct of Wirsung
 - (4) Duct of Santorini

DS0108

- **98.** Pepsinogen is secreted from :
 - (1) Oxyntic cells
- (2) Goblet cells
- (3) Chief cells
- (4) Parietal cells

DS0109

- **99.** Cells of the pancreas is not digested by their own enzymes because :
 - (1) Enzymes are secreted in inactive form
 - (2) Cells are lined by mucous membrane
 - (3) Enzymes are released only when needed
 - (4) None of the above

DS0110

- **100.** Secretin:
 - (1) Stimulates enzymes secretion by pancreas, inhibits acid secretion in stomach, stimulates gall bladder
 - (2) Stimulates bicarbonate secretion by pancreas, inhibits acid secretion in stomach, stimulates bicarbonate secretion by liver
 - (3) Stimulates acid secretion in stomach, potentiates action of CCK, inhibits intestinal movement
 - (4) Stimulates gall bladder, inhibits acid secretion in stomach, stimulates bicarbonate secretion by pancreas

DS0111

- **101**. To get ample supply of carbohydrates, one should eat -
 - (1) Meat
- (2) Gram
- (3) Carrots
- (4) Rice

DS0114

- **102**. Protein are mainly required in the body for-
 - (1) Growth
- (2) Repair
- (3) Both of these
- (4) None of these

DS0115

- 103. Rickets is caused by the deficiency of-
 - (1) Vit A
- (2) Vit C
- (3) Vit D
- (4) Vit B

- **104**. Pernicious anaemia is caused by deficiency of vitamin-
 - (1) C
- $(2) B_1$
- $(3) B_{12}$
- (4) B₆

Pre-Medical

- **105.** Another substance of the category of glucose, sucrose and maltose is-
 - (1) Myoglobin
 - (2) Starch
 - (3) Amino acids
 - (4) Haemoglobin

DS0119

- 106. Rickets is a disease of which category-
 - (1) Infective disease
 - (2) Deficiency disease
 - (3) Communicable disease
 - (4) Inheritable disease

DS0121

- **107**. Thiamine is another name for-
 - (1) Vit B₂
- (2) Vit A
- (3) Vit B₁
- (4) Vit B Complex

DS0122

- 108. Vit D is also called-
 - (1) Calciferol
- (2) Ascorbic acid
- (3) Retinol
- (4) Folic Acid

DS0123

- **109**. In mammals carbohydrate are stored in the form of-
 - (1) Lactic acid in muscles
 - (2) Glycogen in liver and muscles
 - (3) Glucose in liver and muscles
 - (4) Glycogen in liver and spleen

DS0124

- **110**. Which pairing is not correct?
 - (1) Vit D -Rickets
 - (2) Vit K Sterility
 - (3) Thiamine Beri-Beri
 - (4) Niacin Pellagra

DS0125

- **111.** Beri-Beri, Scurvy and Rickets are respectively caused by deficiency of -
 - (1) B, D & C
- (2) B, C & D
- (3) D, B & A
- (4) A, D & C

DS0127

- **112**. Vitamin which induces maturation of R.B.C.:-
 - $(1) B_1$
- (2) A
- $(3) B_{12}$
- B_{12} (4) D

DS0131

- 113. Which one is wrong pair?
 - (1) Scurvy Vitamin C
 - (2) Rickets Vitamin D
 - (3) Night blindness Vitamin A
 - (4) Beriberi Vitamin K

DS0132

- **114.** Which one is correctly matched?
 - (1) Vit. E Tocoferol
 - (2) Vit. D Riboflavin
 - (3) Vit. B Calciferol
 - (4) Vit. A Thiamine

DS0133

- 115. Vitamin-C is :-
 - (1) Ascorbic acid
 - (2) Citric acid
 - (3) Phosphoric acid
 - (4) Glutamic acid

DS0134

- **116**. Which one of the following is the correct matching of a vitamin, its nature and its deficiency disease ?
 - (1) Vitamin K-Fat soluble-Beri-Beri
 - (2) Vitamin A-Fat soluble-Beri-Beri
 - (3) Vitamin K- Water soluble-Pellagra
 - (4) Vitamin A Fat soluble–Night blindness

DS0135

- **117.** Scurvy disease is due to:
 - (1) Presence of h-factor in blood
 - (2) Deficiency of vitamin E
 - (3) Virus
 - (4) Deficiency of vitamin C

DS0136

- 118. In adults the deficiency of vitamin D causes:
 - (1) Rickets
- (2) Beri-beri
- (3) Scurvy
- (4) Osteomalacia

DS0137

- 119. Marasmus disease is caused due to:
 - (1) Protein deficiency
 - (2) Obesity
 - (3) Dwarfism
 - (4) Deficiency of vitamins

Biology: Digestion and Absorption



120. Which of the following does not belong to vitamin B group?

(1) Riboflavin

(2) Niacin

(3) Cyanocobalamine (4) Tocopherol

DS0140

121. Deficiency of thiamine causes :

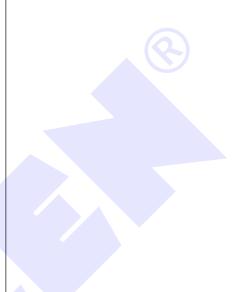
(1) Beri-beri

(2) Rickets

(3) Caries

(4) Pellagra

DS0142



EXERCISE-I	(Conceptual	Questions)

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	3	1	1	3	2	2	2	2	2	3	3	3	3	2	2
Que.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	2	3	3	1	4	3	2	2	1	1	1	3	1	1	1
Que.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	1	3	2	1	1	3	2	1	1	4	4	3	3	1	3
Que.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	4	1	4	4	2	1	2	1	2	2	1	3	4	2	4
Que.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Ans.	2	1	2	2	3	4	2	1	2	2	1	3	1	1	2
Que.	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Ans.	1	4	3	4	2	1	2	3	1	3	1	1	1	2	2
Que.	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
Ans.	1	3	4	1	3	4	1	3	1	2	4	3	3	3	2
Que.	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
Ans.	2	3	1	2	2	2	3	4	1	1	4	4	4	1	4
Que.	121														
Ans.	1														

EXERCISE-II (Previous Year Questions)

AIPMT 2007

- **1.** Which one of the following is a fat-soluble vitamin and its related deficiency disease?
 - (1) Calciferol
- Pellagra
- (2) Ascorbic acid
- Scurvy
- (3) Retinol
- Xerophthalmia
- (4) Cobalamine
- Beri-beri

DS0145

AIPMT 2008

- **2.** Which one of the following is the *correct matching* of the site of action on the given substrate, the enzyme acing upon it and the end product?
 - (1) *Small intestine*:Proteins → Pepsin → Amino acids
 - (2) Stomach : Fats $\xrightarrow{\text{Lipase}}$ micelles
 - (3) *Duodenum*: Triglycerides $\xrightarrow{\text{Trysin}}$

monoglycerides

(4) Small intestine : Starch $\xrightarrow{\propto \text{Amylase}}$

Disaccharide (Maltose)

DS0146

- **3.** What will happen if the secretion of parietal cells of gastric glands is blocked with an inhibitor?
 - (1) In the absence of HCl secretion, inactive pepsinogen is not converted into the active enzyme pepsin
 - (2) Enterokinase will not be released from the duodenal mucosa and so trypsinogen is not converted to trypsin
 - (3) Gastric juice will be deficient in chymosin
 - (4) Gastric juice will be deficient in pepsinogen

DS0147

AIPMT 2009

- **4.** Which one of the following pairs of food components in humans reaches the stomach totally undigested?
 - (1) Starch and cellulose
 - (2) Protein and starch
 - (3) Starch and fat
 - (4) Fat and cellulose

AIPMT/NEET

- 5. A young infant that feed entirely on mother's milk which is white in colour but the stools which the infant passes out is quite yellowish. This yellow colour due to?
 - (1) Pancreatic juice poured into duodenum
 - (2) Intestinal juice
 - (3) Bile pigments passed through bile juice
 - (4) Undigested milk protein casein

DS0149

AIPMT 2014

- **6.** The initial step in the digestion of milk in humans is carried out by ?
 - (1) Lipase
 - (2) Trypsin
 - (3) Rennin
 - (4) Pepsin

DS0153

AIPMT 2015

- **7.** Gastric juice of infants contains :-
 - (1) nuclease, pepsinogen, lipase
 - (2) pepsinogen, lipase, rennin
 - (3) amylase, rennin, pepsinogen
 - (4) maltase, pepsinogen, rennin

DS0154

NEET-I 2016

- **8.** In the stomach, gastric acid is secreted by the :-
 - (1) gastrin secreting cells
 - (2) parietal cells
 - (3) peptic cells
 - (4) acidic cells

DS0155

- **9.** Which of the following guards the opening of hepatopancreatic duct into the duodenum?
 - (1) Semilunar valve
 - (2) Ileocaecal valve
 - (3) Pyloric sphincter
 - (4) Sphincter of Oddi

DS0156

NEET-II 2016

- **10.** Which hormones do stimulate the production of pancreatic juice and bicarbonate?
 - (1) Cholecystokinin and secretin
 - (2) Insulin and glucagon
 - (3) Angiotensin and epinephrine
 - (4) Gastrin and insulin

DS0157

NEET(UG) 2017

- **11.** Which cells of "Crypts of Lieberkuhn" secrete antibacterial lysozyme?
 - (1) Paneth cells
- (2) Zymogen cells
- (3) Kupffer cells
- (4) Argentaffin cells

DS0160

- **12.** The hepatic portal vein drains blood to liver from :
 - (1) Stomach
- (2) Kidneys
- (3) Intestine
- (4) Heart

DS0256

- **13.** Which of the following options best represents the enzyme composition of pancreatic juice ?
 - (1) amylase, pepsin, trypsinogen, maltase
 - (2) peptidase, amylase, pepsin, rennin
 - (3) lipase, amylase, trypsinogen, procarboxypeptidase
 - (4) amylase, peptidase, trypsinogen, rennin

DS0161

- 14. A baby boy aged two years is admitted to play school and passes through a dental check up. The dentist observed that the boy had twenty teeth. Which teeth were absent?
 - (1) Canines
- (2) Pre-molars
- (3) Molars
- (4) Incisors

DS0162

NEET(UG) 2018

- **15.** Which of the following terms describe human dentition?
 - (1) Thecodont, Diphyodont, Homodont
 - (2) Thecodont, Diphyodont, Heterodont
 - (3) Pleurodont, Monophyodont, Homodont
 - (4) Pleurodont, Diphyodont, Heterodont

DS0165

- **16.** Which of the following gastric cells indirectly help in erythropoiesis?
 - (1) Chief cells
 - (2) Mucous cells
 - (3) Goblet cells
 - (4) Parietal cells

DS0166

NEET(UG) 2019

- **17.** Identify the cells whose secretion protects the lining of gastro-intestinal tract from various enzymes:-
 - (1) Chief Cells
 - (2) Goblet Cells
 - (3) Oxyntic Cells
 - (4) Duodenal Cells

DS0257

- **18.** Match the following structures with their respective location in organs :
 - (a) Crypts of Lieberkuhn (i) Pancreas
 - (b) Glisson's Capsule
- (ii) Duodenum
- (c) Islets of Langerhans (iii) Small intestine
- (d) Brunner's Glands
- (iv) Liver

Select the **correct** option from the following:

- (a) (b) (c) (d) (iii) (iv)
- (1) (iii) (i) (ii) (2) (ii) (iv) (i)
 - (i) (iii)
- (3) (iii) (iv) (i) (ii)
- (4) (iii) (ii) (iv)

DS0258

NEET(UG) 2019 (ODISHA)

19. Match the items given in column I with those in column II and choose the correct option:

Column-I	Column-II
(a) Rennin	(i) Vitamin B ₁₂
(b) Enterokinase	(ii) Facilitated transport

- (c) Oxyntic cells
- (iii) Milk proteins
- (d) Fructose
- (iv) Trypsinogen
- (1) a-iii, b-iv, c-ii, d-i
- (2) a-iv, b-iii, c-i, d-ii
- (3) a-iv, b-iii, c-ii, d-i
- (4) a-iii, b-iv, c-i, d-ii

- Pre-Medical
- 20. Kwashiorkor disease is due to :-
 - (1) Simultaneous deficiency of proteins and fats
 - (2) Simultaneous deficiency of proteins and calories
 - (3) Deficiency of carbohydrates
 - (4) Protein deficiency not accompanied by calorie deficiency

DS0260

NEET(UG) 2020

21. Goblet cells of alimentary canal are modified

from:

- (1) Compound epithelial cells
- (2) Squamous epithelial cells
- (3) Columnar epithelial cells
- (4) Chondrocytes

DS0261

- **22.** The enzyme enterokinase helps in conversion of :
 - (1) pepsinogen into pepsin
 - (2) protein into polypeptides
 - (3) trypsinogen into trypsin
 - (4) caseinogen into casein

DS0262

- **23.** Identify the **correct** statement with reference to human digestive system.
 - (1) Vermiform appendix arises from duodenum
 - (2) Ileum opens into small intestine
 - (3) Serosa is the innermost layer of the alimentary canal
 - (4) Ileum is highly coiled part

DS0263

NEET(UG) 2020 (COVID-19)

- 24. Intrinsic factor that helps in the absorption of vitamin B_{12} is secreted by :-
 - (1) Goblet cells
 - (2) Hepatic cells
 - (3) Oxyntic cells
 - (4) Chief cells

DS0264

- **25.** The proteolytic enzyme rennin is found in :
 - (1) Intestinal juice
 - (2) Bile juice
 - (3) Gastric juice
 - (4) Pancreatic juice

DS0265

NEET(UG) 2021

- **26.** Succus entericus is referred to as :
 - (1) Pancreatic juice
 - (2) Intestinal juice
 - (3) Gastric juice
 - (4) Chyme

DS0266

- **27.** Sphincter of Oddi is present at :
 - (1) Ileo-caecal junction
 - (2) Junction of hepato-pancreatic duct and duodenum
 - (3) Gastro-oesophageal junction
 - (4) Junction of jejunum and duodenum

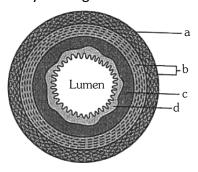
DS0267

NEET(UG) 2021 (Paper-2)

- **28.** Which of the following types of teeth differ in number in deciduous teeth and adult teeth?
 - (a) Incisors
- (b) Canine
- (c) Molars
- (d) Premolars
- (1) (a) and (b)
- (2) (c) only
- (3) (c) and (d)
- (4) (d) only

DS0269

29. Which layer has goblet cells?



- (1) a
- (2) b
- (3) c
- (4) d

DS0270

30. Villi and rugae are the folds of which layer of alimentary canal?

- (1) Serosa
- (2) Muscularis
- (3) Sub-mucosa
- (4) Mucosa

ALLEN® Pre-Medical

NEET(UG) 2022

- **31.** Which of the following functions is **not** performed by secretions from salivary glands?
 - (1) Digestion of complex carbohydrates
 - (2) Lubrication of oral cavity
 - (3) Digestion of disaccharides
 - (4) Control bacterial population in mouth

DS0272

32. Given below are two statements:

Statement I:

Fatty acids and glycerols cannot be absorbed into the blood.

Statement II:

Specialized lymphatic capillaries called lacteals carry chylomicrons into lymphatic vessels and ultimately into the blood.

In the light of the above statements, choose the **most appropriate** answer from the options given below:

- (1) Both **Statement I** and **Statement II** are incorrect
- (2) **Statement I** is correct but **Statement II** is incorrect
- (3) **Statement I** is incorrect but **Statement II** is correct
- (4) Both **Statement I** and **Statement II** are orrect

DS0273

NEET(UG) 2022 (OVERSEAS)

- **33.** An intestinal hormone that stimulates the pancreas to release watery secretion that is rich in bicarbonate ions :
 - (1) Gastric Inhibitory Peptide
 - (2) Enterokinin
 - (3) Secretin
 - (4) Cholecystokinin

DS0274

- **34.** Chylomicrons are:
 - (1) micro-sized lipid molecules
 - (2) protein coated fat globules
 - (3) spherical aggregates of fatty acids
 - (4) fat coated protein globules

DS0275

Re-NEET(UG) 2022

- **35.** Choose the incorrect enzymatic reaction :
 - (1) Maltose

 Maltase → Glucose + Galactose
 - (2)Sucrose Sucrase → Glucose + Fructose
 - (3) Lactose

 Lactase → Glucose + Galactose
 - (4) Dipeptides Dipeptidases → Amino acids

DS0276

- **36.** Role of enamel is to:
 - (1) Connect crown of tooth with its root.
 - (2) Masticate the food.
 - (3) Form bolus.
 - (4) Give basic shape to the teeth.

DS0277

EXERCISE-II (Previous Year Questions)

AN			

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	3	4	1	4	3	3	2	2	4	1	1	3	3	2	2
Que.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	4	2	3	4	4	3	3	4	3	3	2	2	3	4	4
Que.	31	32	33	34	35	36									
Ans.	3	4	3	2	1	2									

EXERCISE-III

EXERCISE-III(A) (NCERT BASED QUESTIONS)

- **1**. Select the incorrect statements :-
 - (a) alimentary canal begins with an anterior cavity called buccal cavity.
 - (b)tooth is embedded in a socket of mandible bone only.
 - (c) human shows strict diphyodont type of dentition.
 - (d)oesophagus and the trachea open into the pharynx.
 - (1) a, b, c & d
- (2) a, b & c
- (3) a, c & d
- (4) a, b & d

DS0172

- **2**. The oesophagus is a thin, long tube which extends _____ passing through the neck.
 - (1) Anteriorly
 - (2) Posteriorly
 - (3) Horizontally
 - (4) Obliquely

DS0173

- 3. In human ______ is a small blind sac, which hosts some symbiotic microorganism.
 - (1) Caecum
 - (2) Colon
 - (3) Rumen
 - (4) All of these

DS0174

- **4.** Select the correct structural sequence of alimentary canal facing from inside to outside.
 - (1)Serosa → Muscularis → Submucosa → Mucosa
 - (2) Muscularis → Serosa → Mucosa → Submucosa
 - (3)Mucosa → Submucosa → Muscularis → Serosa
 - (4)Submucosa → Mucosa → Muscularis → Serosa

DS0175

Master Your Understanding

- **5**. All of the following are correct with respect to intestine of human except.
 - (1)Colon having ascending, descending and transverse part.
 - (2) Duodenum is C-shaped structure
 - (3) Taeneae & haustra is present all along the length of intestine.
 - (4) Highly developed villi is restricted to small intestine.

DS0176

- **6**. Select the correct statements.
 - (a) Salivary glands situated just outside the buccal cavity.
 - (b) Liver is the largest digestive gland.
 - (c) Hepatic duct not arise from gall bladder.
 - (d)Sphincter of Oddi can regulate the release of pancreatic and bile juice in duodenum.
 - (1)a, b, c & d
- (2) a, b & d
- (3) b, c & d
- (4) a, b & c

DS0177

- **7**. The process of digestion is accomplished by:-
 - (1) Mechanical process
 - (2) Chemical process
 - (3) Electrical process
 - (4) Both 1 & 2

DS0178

- **8**. Which of the following helps in lubricating and adhering the masticated food particles into a bolus?
 - (1) Salivary amylase
 - (2) Mucous
 - (3) Secretion of lachrymal gland
 - (4) Gastric juice

DS0179

- **9.** Which of the following electrolytes is/are present in saliva of human?
 - (1) Na+
- $(2) K^{+}$
- $(3) CI^{-}$
- (4) above all

- 10. Select the correct statements.
 - (1) Trypsinogen Chymotrypsin → Trypsin
 - (2) Procarboxypeptidase ──Pepsin →

carboxypeptidase

- (3) Proamylase $\xrightarrow{\text{Ptylin}}$ Amylase
- (4) Pepsinogen HCl → Pepsin

DS0181

- **11**. Select the odd with respect to enzymes present in adult human.
 - (1) Rennin
- (2) Renin
- (3) Trypsin
- (4) Pepsin

DS0182

- **12**. Which of the following is not produced by the brush border cells of the intestinal mucosa.
 - (1) Dipeptidases
- (2) Nucleosidases
- (2) Lipases
- (4) Steapsin

DS0183

- **13**. All of the following is correct with reference to large intestine except.
 - (1) No significant digestive activity.
 - (2) Absorption of some water
 - (3) Absorption of certain minerals.
 - (4) Absorption of remaining glucose and amino acid.

DS0184

- **14**. In which of the following disease liver is affected, skin and eyes turn yellow due to the deposition of bile pigments.
 - (1) Vomiting
- (2) Jaundice
- (3) Diarrhoea
- (4) Dysentery

DS0185

EXERCISE-III(B) (ANALYTICAL QUESTIONS)

15. Match the following:

	0				
Column-I	Column-II				
(A) Salivary gland	(i) Trypsinogen				
(B) Stomach	(ii) Bile pigments				
(C) Pancreas	(iii) Saliva				
(D) Intestine	(iv) Erepsin				
(E) Gall bladder	(v) Gastric juice				

- (1) A-v, B-iii, C-i, D-ii, E-iv
- (2) A-iii, B-v, C-i, D-iv, E-ii
- (3) A-iv, B-iii, C-ii, D-i, E-v
- (4) A-ii, B-v, C-i, D-ii, E-iv

16. Find out the correct match from the following table :-

	Column-I	Column-II	Column-III
Α	Goblet	Mucus	Prevent
	cells		mucosa layer
			from damage
			of HCl
В	Lysozyme	Saliva	Antibacterial
			agent
С	Saliva	Submaxillary	Secrete
		gland	salivary
			amylase
D	Chief	HCI	Stimulate
	cells		gastric lipase

- (1) Only 'A'
- (2) A and B
- (3) Only C
- (4) C and D

DS0187

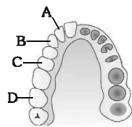
- 17. Which of the following statements is/are incorrect regarding digestion and absorption of food in human beings:-
 - (a) About 90% of starch is hydrolysed by salivary amylase in our oral cavity
 - (b) Entero-endocrine cells in our stomach secrete the proenzyme trypsinogen
 - (c) Vitamin-D is produced in human body in skin
 - (d) Bile salts act as activator of pancreatic lipase
 - (1) Two, a and b
 - (2) Two, a and c
 - (3) Two, a and d
 - (4) Three, a, b and d

DS0188

- **18.** Largest internal organ of the body is :-
 - (1) Skin
 - (2) Liver
 - (3) Pancreas
 - (4) Small intestine

DS0189

19. Identify A, B, C and D and choose correct option regarding their number in upper jaw:-



	А	В	С	D
(1)	Incisor-2	Canine-2	Premolar-2	Molar-3
(2)	Incisor-4	Canine-4	Premolar-8	Molar-12
(3)	Incisor-4	Canine-2	Premolar-4	Molar-6
(4)	Incisor-2	Canine-1	Premolar-2	Molar-3

DS0190

20. Identify the correct match from the column I, II and III.

	Column-I		Column-II	Column-III			
Α	Salivary	a	Lacteal	i	Emulsification		
	gland				of fat		
В	Villi	b	Goblet cells	ii	One pair		
С	Intestinal	С	Bile juice	iii	Absorption of		
	epithelium				fat		
D	Liver	d	Sub maxillary	iv	Mucous		
			gland				

- (1) A-d-i, B-a-iii, C-b-iv, D-c-ii
- (2) A-d-ii, B-a-iii, C-b-iv, D-c-i
- (3) A-a-ii, B-d-iv, C-b-iii, D-c-i
- (4) A-b-i, B-a-ii, C-c-iii, D-d-iv

DS0191

- 21. Read the following statements (A-D)
 - (A) The stomach stores the food for 4-5 hours
 - (B) The food mixes thoroughly with the acidic intestinal juice
 - (C) Trypsinogen is activated by an enzymeenterogastrone, secreted by the intestinal mucosa
 - (D) Renin is enzyme found in gastric juice of infants which helps in digestion of milk protein

How many of the above statements are wrong?

- (1) Four
- (2) One
- (3) Two (4) Three
 - DS0192

- **22.** Conversion of large fat globules into smaller globule is :-
 - (1) Emulsification
- (2) Digestion
- (3) Assimilation
- (4) Specification

DS0193

- 23. Micelle formation occurs in :-
 - (1) Enterocyte
- (2) Duodenum
- (3) Lacteals
- (4) Pancreas

DS0194

- **24.** Chymotrypsinogen is produced by
 - (1) Liver
- (2) Pancreas
- (3) Stomach
- (4) Duodenum

DS0195

- **25.** Contraction of gall bladder is carried by :
 - (1) Citric acid + acetyl Co-A
 - (2) Gastrin
 - (3) Cholecystokinin
 - (4) None of these

DS0196

- **26.** The longitudinal mucosal folds of inner wall of stomach are called :
 - (1) Papilla of vater
- (2) Rugae
- (3) Villi
- (4) Fissure

DS0199

- 27. Gastric rugae are found in
 - (1) Kidney
- (2) Liver
- (3) Nephron
- (4) Stomach
 - DS0200
- **28.** Trypsinogen is:
 - (1) Hormone secreted by mucosa
 - (2) Enzyme secreted by mucosa
 - (3) Inactive enzyme secreted by pancreas
 - (4) Secreted by endocrine gland related to digestion

DS0201

- **29.** Part of bile juice useful in digestion is :
 - (1) Bile salt
- (2) Bile pigment
- (3) Bile matrix
- (4) All of them

DS0202

- **30.** From which of the following pepsin is secreted:
 - (1) Lungs
- (2) Stomach
- (3) Salivary gland
- (4) Sebaceous gland

- 31. Secretin hormone stimulates:
 - (1) Gastric glands
 - (2) Pancreas
 - (3) Gall bladder
 - (4) Crypts of Lieberkuhn

- **32.** Prorennin is secreted by :
 - (1) Zymogen cells
- (2) Sertoli cells
- (3) Islets of Langerhans(4) Hepatocytes

DS0205

- **33.** Find out the correctly matched pair :
 - (1) Pepsinogen → Zymogenic cells
 - (2) HCl → Goblet cells
 - (3) Mucus → Oxyntic cells
 - (4) Pancreatic juice → Salivary glands

DS0206

- **34.** Among mammals, a significant role in the digestion of milk is played by :
 - (1) Rennin
 - (2) Invertase
 - (3) Amylase
 - (4) Intestinal bacteria

DS0207

- **35.** pH of gastric juice is:
 - (1) 2
- (2)4
- (3)6
- (4) 8

DS0208

- **36.** Which of the following hormone helps in secretion of HCl from stomach?
 - (1) Renin
- (2) Gastrin
- (3) Secretin
- (4) CCK

DS0209

- **37.** Which of the following vitamins are fat soluble?
 - (1) A, B, C, K
- (2) A, B, D, E
- (3) A, D, E, K
- (4) A, D, C, K

DS0210

DS0211

- **38.** The organ in human body where Brunner's glands are present?
 - (1) Large intestine
 - (2) Small intestine
 - (3) Liver
 - (4) Kidney

- **39.** 'Crypts of Lieberkuhn' are found in :
 - (1) Gall bladder
 - (2) Liver
 - (3) Pancreas
 - (4) Intestinal wall

DS0212

- 40. Glisson's capsule is associated with:
 - (1) Liver
- (2) Pancreas
- (3) Lungs
- (4) Kidney

DS0213

- **41.** The main digestive function of enterokinase is :
 - (1)Conversion of pepsinogen into pepsin
 - (2) Conversion of trypsinogen into trypsin
 - (3) Conversion of trypsin into trypsinogen
 - (4)Stimulation of the gastric glands to secrete gastric juice

DS0214

- **42.** Castle intrinsic factor helps in absorption of
 - (1) Vitamin B₁₂
- (2) Vitamin B₆
- (3) Vitamin A
- (4) Vitamin C

DS0216

- **43.** Pancreatic juice contain bicarbonate which is secreted by :
 - (1) Paneth cells
 - (2) Goblet cell
 - (3) Kupffer's cell
 - (4) Aciner cell

DS0217

- **44.** Identify the false statement :
 - (1) Oesophagus does not secrete any enzyme
 - (2) Gall bladder concentrate bile juice
 - (3) Human teeth are thecodont
 - (4) There are two pairs of salivary glands in humans

DS0218

- **45.** Pepsinogen is activated by
 - (1) Castle intrinsic factor
 - (2) HCl
 - (3) Bile juice
 - (4) Enterokinase



Pre-Medical

Find out the correct match: 46.

Column I

Column II

- A. Hepatic lobule
- i. Submucosal glands
- B. Brunner's glands
- ii. Base of villi
- C. Crypts of Lieberkuhniiii. Glisson's capsule
- D. Sphincter of Oddi
- iv. Gall bladder
- E. Cystic duct
- v. Hepatopancreatic duct
- vi. Serous glands F

i

iv

i

Α

В

ii

i

νi

- D
- (1) vi iii
- iv ٧
- (2)
- iii

C

ii

- vi
- (3) iii
- ii
- ٧
- (4) iv
- ii

DS0220

- 47. Which an organ is affected in jaundice?
 - (1) Stomach
- (2) Pancreas
- (3) Liver
- (4) Parotid glands

DS0221

- 48. Secretin and cholecystokinin are digestive hormones. They are secreted by:
 - (1) Oesophagus
- (2) Ileum
- (3) Duodenum
- (4) Pyloric stomach

DS0222

- Identify the false statement? 49.
 - (1) Bile is secreted by liver
 - (2) Stomach is divided into two parts
 - (3) Parietal cell lie in wall of stomach
 - (4) Liver is the largest gland of human body

DS0223

- Which part of body secretes the hormone secretin?
 - (1) Stomach
- (2) Oesophagus
- (3) Ileum
- (4) Duodenum

DS0224

- 51. Which one is correct about the "rennin"?
 - (1) It helps in digestion of milk-sugar.
 - (2) It is found in gastric juice of adult human.
 - (3) It is proteolytic enzyme found in saliva.
 - (4) It is found in gastric juice of infants.

DS0225

- 52. Kwashiorkar disease is due to deficiency of:
 - (1) Protein
- (2) Fat
- (3) Sugar
- (4) Hormone

DS0226

- Carbohydrate digestion occurs 53. first in which structure?
 - (1) Mouth
- (2) Intestine

Biology: Digestion and Absorption

- (3) Stomach
- (4) None of these
 - **DS0227**
- 54. Enzyme pepsin acts in:
 - (1) Acidic medium in the pancreas
 - (2) Acidic medium in the stomach
 - (3) Intestine
 - (4) Mouth

DS0228

- to the 55. Bile secretion is proportional concentration of:
 - (1) Protein
- (2) Fat
- (3) Carbohydrate
- (4) None of these
 - **DS0229**
- Protein deficiency leads to: **56.**
 - (1) Kwashiorkar
- (2) Marasmus
- (3) Cretinism
- (4) Both (1) and (2)

DS0231

- Defect of which cells leads to pernicious **57.** anaemia?
 - (1) Chief-cells
- (2) Oxyntic cells
- (3) Mast cells
- (4) Peptic cells
 - **DS0232**
- 58. In mammals the teeth are
 - (a) of different types
 - (b) embedded in the cuplike socket in the jaw bones
 - (c) two sets present throughout life

The condition are referred as:

- (1) Heterodont, thecodont, diphyodont
- (2) Thecodont, heterodont, diphyodont
- (3) Diphyodont, thecodont, heterodont
- (4) Heterodont, diphyodont, thecodont

DS0233

- 59. Which of the following process will be affected by the absence of enterokinase?
 - (1) Lipid → Fatty acid + glycerol
 - (2) Dipeptides → Amino acid
 - (3) Proteoses → Dipeptide
 - (4) Amylose → Maltose

Biology: Digestion and Absorption



- 60. Gastric juice contains :-
 - (1) HCl, Pepsingoen, Lipase
 - (2) Amylase, Dipeptidase, Lipase
 - (3) Trypsinogen, Pepsin, Rennin
 - (4) Chymotrypsinogen, Nucleases, Lipase

