M	HT-CET				7			- 4		
		Invited True			14.		common passa	ge of air (B)	and food larynx	is called
-				1		(A)		(D)	7	
0	14.0	Introduction	100			(C)	oesophagus	(,-)		•
1.					15.	Oes	ophagus			
	(A)	ke of food is ca	lled		1	(A)	passes through	h thoraci	c cavity	
	(C)	Besucit	(B)	E3		(B)	pierces the dia	phragm		0
2.		digestion	(D)			(C)	passes through	lungs		AC
**	Brea	iking up of co	omplex.	non-diffusible and		(D)		B)	-	0 / 1
									Ø. (.]
		and assilli	ilable sul	ostances is called	16.	The	thin, muscular	tube con	necung p	harynx to
		ingestion	(B)	egestion		the s	stomach is called	l.	6>	
-	(C)	digestion	(D)	assimilation		(A)		. C	7	
(14.1	Human Diges	tive Sun			(B)		nal)	
3.						(C)	Oesophagus.	1,0		
٥.	The	alimentary cana	l in huma	ins has length of		(D)	Duodenum			
	(A) (C)	o to meues	(B)	2-5 metres	17.	The	food moves throu	orb the o	esonhamu	dua
		10-28 metres	(D)	1-2 metres	17.		peristalsis	agn the o	csopnagu	o due to
4.	The	roof of buccal co	avity is c	allad			in a second to the second		ailia	
	(A)	lingua	(B)	tongue			vibratory mov	ement of	cina	
	(C)	palate	(D)	maxilla		(C)				
5.		lies in the o			1	(D)	none of these			
	(A)	Tongue	loor of bi	iccal cavity.	18.	The	anterior sphincte	er presen	t at the or	pening of
	(C)	Palate	(B)	Parotid gland		the o	esophagus into t	he stoma	ich is	benning of
6.			(D)	Pharynx		(A)	cardiac sphine			
0.	How	many canine te	eth are p	resent in a normal		(B)	pyloric sphinct			
		or addit!				(C)	fundic sphincte			
	(A)	2	(B)	3		(D)	antric sphincte			
	(C)	4	(D)	1 or 2	10		1.5			
7.	How	many teeth are p	present if	unner inun	19.	rund	lus is the part	of	in al	imentary
	(A)	32 (B) 20	(6)	16 (D) 8	1	cana		2288		
8.	The h	ardest part of th				(C)	intestine	(B)	rectum	
	(A)	dentin A	(B)	D.			stomach	(D)	pharynx	
	(C)	enamel	(D)	pulp dental tubules	20.	Pylo	ric sphincter is p	resent at	the junction	on of
9.						(11)	oesopnagus and	1 stomacl	h	JII OI
1.	Dasic	shape of the too			1	(B)	stomach and du	odenum		
	(A)	dentin	(B)	pulp		(C)	duodenum and	ileum		
	(C)	enamel	(D)	cementum		(D)	ileum and rectu	ım		
10.	The u	pper surface of	the tong	ie bears numerous	21.	The				
	projec	tions called	-			(A)	second part of sn jejunum			
1		rugae	(B)	villi		(C)	duodenum	(B)	ileum	
(1	(C)	pulp	(D)	papillae				(D)	colon	
A	The r	pharvnx onens	into tra	chea through an	22.	At th	e junction of the pouch called	ileum an	d cola	
1	openir	ig called	ano tra	enca unough an				um an	d coton, t	nere is a
1		gullet	(B)	glottis		(A)	caecum	(B)	iai	
V		epiglottis	(D)	vestibule		(C)	rectum	(D)	jejunum	
•					23.		je tha		duodenu	m
2.	I De /	opening of gl	ottis is	guarded by a		alime	is the vest	igial str	ucture of	human
-	1110	ginous flap calle				(A)	Vermiform app		- 14 CONTRACTOR - 6000 PM	
	cartila			epiglottis			- controrm app	endix		
-	(A)	gullet	(B)			(D)	Jeinnes			
-	(A)		(B) (D)	tongue		(B) (C)	Jejunum			
	(A) (C)	gullet vestibule	(D)			(C)	lleum			
	(A) (C) The e	gullet vestibule piglottis closes	(D) during	tongue		(C) (D)	Ileum Rectum			
3.	(A) (C) The e	gullet vestibule piglottis closes ition) action an	(D) during	tongue the swallowing	24.	(C) (D) Verm	Ileum Rectum		m th	
	(A) (C) The electric deglution the	gullet vestibule piglottis closes ition) action an	(D) during	tongue the swallowing	24.	(C) (D) Verm (A)	Heum Rectum iform appendix a ileum	arises fro		
	(A) (C) The elegation (deglution the (A) p	gullet vestibule piglottis closes ition) action an	(D) during id prever	tongue the swallowing nts entry of food	24.	(C) (D) Verm	Ileum Rectum		m the caecum	



25.	Vermiform appendix is functional in	A September 1 Sept	
	herbivorous animals for the digestion of	(a) 14.3 Digestive Glands	
	(A) carbohydrates (B) proteins (C) cellulose (D) chitin	36. The name of salivary glands present in front of car is	
26.	Caecum opens into the	(4)	
	(A) colon (B) rectum	(C) sub-lingual (D) sub-maxillary (D) parietal	
	(C) ileum (D) jejunum		
27.	temporarily stores faeces till it is	37. The name of the salivary gland present below lower jaw is	
	egested through the anus.	(A) parotid gland	
	(A) Rectum (B) Caecum	(B) sub-maxillary gland	
	(C) Appendix (D) Colon	(C) sub-lingual gland	
28.	The process by which anus expels faecal matter is called	(D) sub-mandibular gland lying below the	
	(A) ingestion (B) egestion	38 is the salivary gland lying below the tongue.	
	(C) defaecation (D) Both (B) & (C)	(A) Sub-maxillary (B) Sub-lingual	
6	14.2 Histological Structure of Alimentary	(C) Parotid (D) None of these	
6	Canal	39. The secretion of salivary glands is called	
		(A) bile (B) chyme	
29.	The outermost layer of the gastrointestinal tract made up of squamous epithelium is the	(C) saliva (D) chyle	
	(A) serosa (B) muscularis	40. The serous cells of salivary gland produce an	
	(C) submucosa (D) mucosa	enzyme called	
30.	The layer of the gastrointestinal tract formed by	(A) pepsin (B) trypsin	
30.	smooth muscles arranged in three concentric	(e) amjuse (e) mem	
	layers is	41. The largest gland of the human body is	
	(A) serosa (B) submucosa	(A) pancreas (B) liver (C) salivary gland (D) thyroid	
	(C) muscularis (D) mucosa	(0)	
31.	is formed of loose connective tissues	42. Each lobe of the liver is covered by a thin covering called	
	containing blood vessels, lymph vessels and	(A) Glisson's capsule (B) peritoneum	
	nerves. (A) Muscularis (B) Submucosa	(C) neurilemma (D) renal capsule	
	(C) Serosa (D) Mucosa	43. Structural and functional units of the liver are	
32.	Which of the following is innermost part of	(A) hepatic lobules (B) acini	
	intestinal wall?	(A) hepatic robules (B) archeon	
	(A) Muscularis (B) Serosa (C) Mucosa (D) Submucosa	(C) Kupiter com	
	(C) Mucosa	44. Kupffer cells can destroy (A) toxic substances	
33.	Which layer of the alimentary canal shows	(A) toxic substances (B) old and worn out blood cells	
	presence of goblet cells? (A) Muscularis (B) Submucosa	(C) microorganisms	
1	(A) Musces	(D) all of these	
1	(C) Selosa	45. Gall bladder stores the bile secreted by	
34.	In stomach, mucosa is thrown into irregular	(A) pancreas (B) liver	
1	folds called (A) oblique muscles (B) rugae	(C) salivary gland (D) both (A) and (B)	
	(A) oblique muscles (B) rugue (C) lobules (D) villi	46. Which of the following is NOT a function of	
	(C) locales	liver?	
35.	and the state of t	(A) Production of bile	
	I I manh Vessels Called lactedis.	(B) 11002	
	(B) Cripts of Lieberkunn are formed in	Cuitamins	
	(C) Submucosa of small intestine forms finger		
	like foldings called villi. (D) Intestinal villi are lined by brush border or	(A) liver (B) paneron (C) spleen (D) stomach	
	(D) Intestinal villi are fined by experimental cells.	(C) spleen (D)	
1119	.cpitalonal state		

	Comments Blology (MCQs)	
	ommon bile days	
	(A) hepatic duct and duct of gall bladder (B) hepatic duct and papersetic duct	59. Deglutition means
	(13) hepatic duet and duet of gall bladder	(A) chewing of food
	duct of pall black	(B) mastication of food
	(D) duct of gall bladder and pancreatic duct pancreatic duct and salivary decr	(C) swallowing of food
49.	(D) pancreatic duct and salivary duct Blood proteins to	(D) throwing up of food
	Blood proteins like prothrombin and fibrinogen (A)	
	are produced by	60. Saliva is made up of
	(iver	(A) water and salivary amylase
	(C) parotid glands (B) pancreas (D) stomach	(B) water, salivary amylase, tysozym
50.	Pancreas lie between	Ciccionyres
	(A) phanes (A)	(C) electrolytes and salivary amylase
	Find yilk and oesenh	(D) lysozyme and electrolytes
	and Caccum	61. % starch gets converted to male
	and dagger t	the mouth.
51.	and stomach	(A) 30 (B) 5
31.	The exocrine part of pancreas is made up of pancreatic lobules called	(C) 100 (D) 70
	pancreatic lobules called	
	(A) acini (B) c-11:1	62. Saliva contains a starch splitting enzyme c
	(C) alveoli	(D) Trypsinge
52.		(C) salivary amylase (D) rennin
	Acinar cells are present in (A) liver (B)	63. Starch is converted to by the act
	(C) gastria (B) pancreas	63. Starch is converted to by the act
	(D) intestinal glands	
53.	The common bile duct joins paneratio	(A) glucose (B) galactose (C) maltose (D) lactose
		(b) ideitise
	(A) hepato-pancreatic duct	64. The controls the passage of foo
	(B) hepatic duct	the stomach.
	(C) inter-locular duct	(A) gastro-oesophageal sphincter
	(D) cystic duct	(B) pyloric sphincter
54.	Opening of hepato-pancreatic duct is guarded by	(C) hepatopancreatic sphincter (D) sphincter of Oddi
	(A) sphincter of Oddi	The second of th
	(B) hepato-cardiac sphincter	65. Match the following.
	(C) gastro-oesophageal sphincter	Column I Column II
	(D) pyloric sphincter	
55.	Endocrina part of recommend	a. Mucus cells b. Peptic cells 2. Mucus
55.	Endocrine part of pancreas contain group of cells in the connective tissue called	c. Parietal cells 3. HCl and Intrinsic fac
	(A) parafollicular cells	The time intrinsic lac
	(B) Leydig's cells	(A) a-2, b-1, c-3
	(C) islets of Langerhans	(B) a-2, b-3, c-1
A	(D) oxyntic cells	(C) a-1, b-2, c-3
		(D) a-3, b-1, c-2
56.	Islets of Langerhans are made up of	66stops the activity of salivary amyle
	(A) α cells (B) δ cells	(A) H ₂ SO ₄ (B) HCl
	(C) β cells (D) all of these	(C) Pepsin (D) Protease
57.	Complete the analogy.	(2)
751.	Alpha cells: Glucagon :: Delta cells :	pepsin on proteins mainly forms
7	(A) Insulin (B) Somatostatin	(A) proteoses and peptones (B) amino acid
	(C) Ghrelin (D) Gastrin	(C) polysaccharides
0	14.4 Physiology of Digestion	(D) all of these
(3)	Mastication is	68. Rennin is a enzyme.
***	· · · · · · · · · · · · · · · · · · ·	(A) carbolytic (B) proteolytic
58.		
58.	(D) churning in stomach	(C) lipolytic (D) nucleolytic
58.	(B) churning in stomach	(D) interest
58.	t i = stampah	(D) independent



70. Inactive trypsinogen is converted into	Chapter 14: Human Nutrition
by enteroxinase.	82 hormone of the gastro intestinal tract
(A) ptyalin (B) trypsin	stimulates gastric glands for the secretion of
(C) peptones (D) pharynx	hydrochloric acid and pepsinogen.
71. Emulsification of fats is brought about by	(A) Secretin (B) Gastrin
(A) bile pigments (B) bile salts	(C) Cholecystokinin (D) GIP
(C) pancreatic juice (D) HCl	83. Which hormone inhibits the secretion of gastric
	juice and stimulates secretion of bile juice?
 Proteins and proteoses are broken down into polypeptides by the action of 	(A) Secretin (B) CCK
(A) Pepsin (B) Proteases	(C) GIP (D) Gastrin
(C) Trypsin (D) Peptidase	84. The hormone that induces satiety is
73. Acidic chyme is neutralized by	(A) Secretin (B) CCK
	(C) GIP (D) Gastrin
(A) succus entericus (B) pancreatic juice (C) bile (D) both (A) and (B)	85 inhibits gastric secretion.
(v) and (B)	(A) Pepsin (B) GIP
74. Enzyme enterokinase is present in (A) saliva	(C) Gastrin (D) Chymotrypsin
(B) intestinal juice	14.5 Absorption, Assimilation and Egestion
(C) secretion of pancreas	86. About 90% of absorption takes place in the
(D) bile	(A) kidneys (B) small intestine
75. Choose the CORRECT set of enzymes in	(C) large intestine (D) stomach
pancreatic juice.	87. Absorption of part of glucose, amino acids and
(A) Pancreatic amylase, lipases, trypsin,	some electrolytes like chloride ions are absorbed
chymotrypsin, nucleases	Бу
(B) dipeptidases, nucleases, lipases (C) amylase, disaccharidases	(A) simple diffusion
(C) amylase, disaccharidases, chymotrypsinogen	(B) osmosis (C) facilitated transport
(D) pepsin, amylase, nucleases	(C) facilitated transport (D) active transport
76. Which enzyme converts polypeptides to dipeptides?	88. Some amino acids as well as substances like fructose are absorbed by
(A) Chymotrypsin (B) Somatostatin	(A) simple diffusion
(C) Pepsin (D) Amylase	(B) osmosis
77. Nucleases present in pancreatic juice help in	(C) facilitated transport
digestion of nucleic acids to	(D) active transport
(A) pentose sugar and proteoses	89. Chylomicrons are
(B) pentose sugar and nitrogenous base	(A) undigested proteins
(C) dipeptides and nitrogenous base (D) pentose sugar and amino acids	(B) undigested carbohydrates (C) fat globules coated with proteins
A A	(D) fat droplets coated with phospholipids
78. Maltase converts maltose into	
(A) glucose (B) fructose (C) galactose (D) lactose	 Absorbed food material finally reaches the tissue and becomes a part of the protoplasm.
	This process is called
79 The food after its passage through the small intestine, forms an alkaline fluid emulsion	(7t) degration (B) assimilation
called	(C) egestion (D) digestion
(A) faeces (B) chyme	91. Elimination of undigested food from the body is
(C) bolus (D) chyle	called
80. Which of the following does not produce an	(A) ingestion (B) egestion (C) digestion (D) assimilation
digestive enzymes?	92. The amount of heat liberated by combustion of
(A) Pancreas (B) Stomach	lg. of food in a bomb calorimeter is called
(C) Small intestine (D) Large intestine	(A) heat energy
81 cranial nerve stimulates secretion	of (B) gross calorific value /gross energy
gastric juice in stomach.	(C) kinetic energy (D) calorie
(A) X (B) VII (C) V (D) II	. () () ()