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1ST YEAR REVISION & TEST SESSION

NAME:			ROLL NO:		TIME:	50: MIN
SUB:	Biology	Date:			CLASS:	1st Year
SYLLABUS	Chp. 9 (Human Digestive System)		T. MARKS	30	OBT. M	

Q. 1 Choose the Correct Answer. Cutting, Erasing, Double Selection is Strictly Prohibited. (1x6=6)

1. **Which of the following is NOT a component of the stomach's mechanical digestion:**
   (A) Gastric contractions (B) Peristalsis
   (C) Segmentation (D) Mastication
2. **Which region of the small intestine is responsible for the majority of nutrient absorption:**
   (A) Duodenum (B) Jejunum
   (C) Ileum (D) All region absorb equal amounts of nutrients
3. **Which of the following is a function of the large intestine:**
   (A) Absorbed of nutrients (B) Secretion of digestive enzyme
   (C) Storage of bile (D) Water absorption and feces formation
4. **What is the primary function of peristalsis in the digestive system?**
   (A) To mix food with digestive enzymes
   (B) To propel food through the digestive enzyme
   (C) To absorb nutrients into the bloodstream
   (D) To secrete digestive enzymes
5. **Where does chemical digestive of carbohydrates being?**
   (A) Stomach (B) Oesophagus (C) Small intestine (D) Mouth
6. **Which change would most affect protein digestion:**
   (A) Blocking bile release (B) Inhibiting salivary glands
   (C) Inhibiting pepsin production (D) Slowing peristalsis

PART-I

Q. 2 Write Short Answers of the Following Questions (2x8=16)

i. What is the mode of action of saliva in mouth?
ii. What is the composition of gastric juice?
iii. What is the difference between bolus and chime?
iv. How does peristalsis aid in the movement of food through the digestive tract?
v. What is the function of bile in digestion?
vi. How does the structure of the pancreas support its function
vii. What is the function of the caecum in the large intestine?
viii. How does the pancreas respond to hormonal stimulation during digestion?

PART-II

Write Answers of the Following Questions in Detail.

Q. 3 (a) Describe the structure and function of the stomach in digestion. 4
(b) Describe the hormonal and nervous regulation of gastric secretion. 4

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Answer Key							
1	D	**2**	B	**3**	D	**4**	B
5	D	**6**	C				