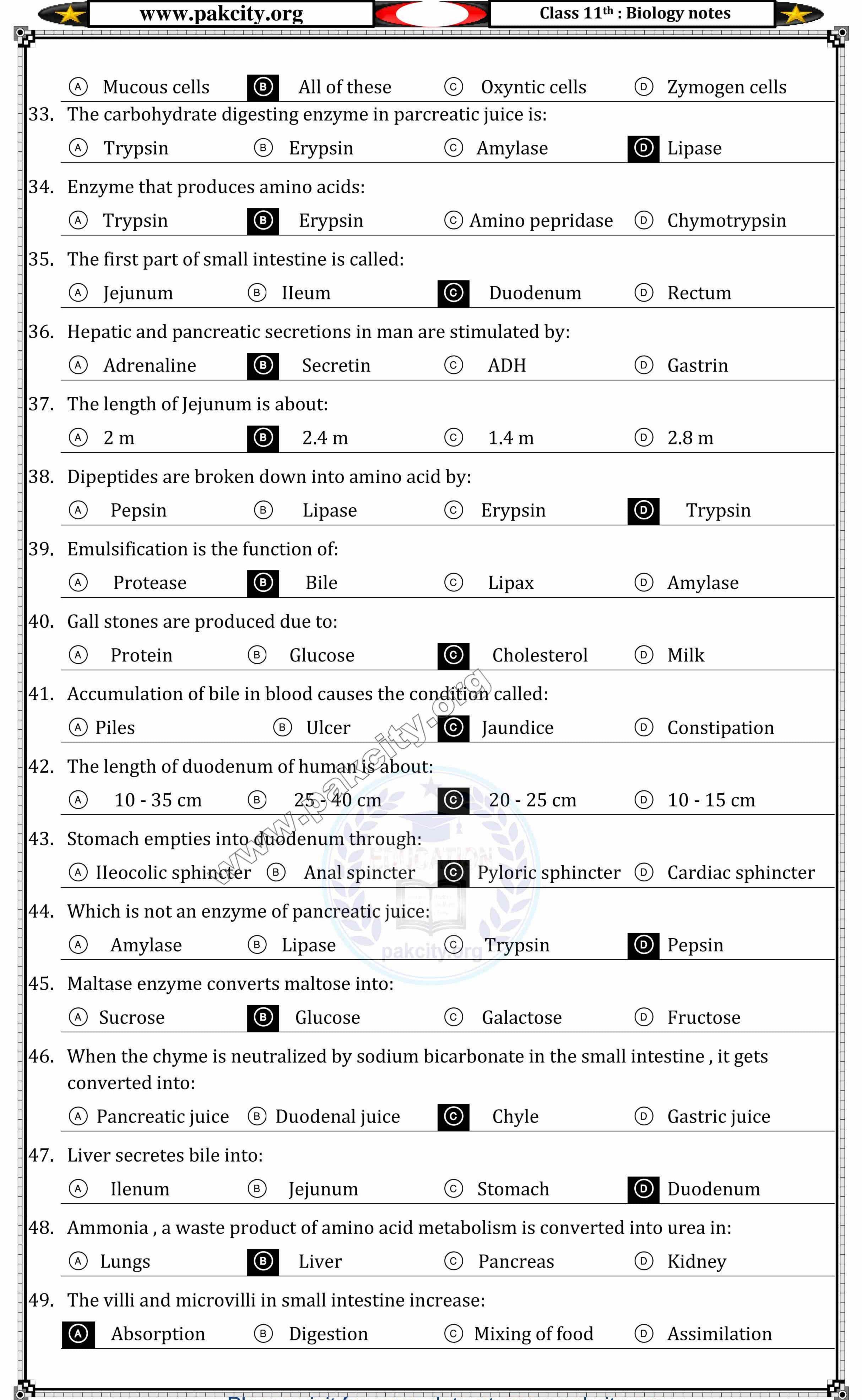
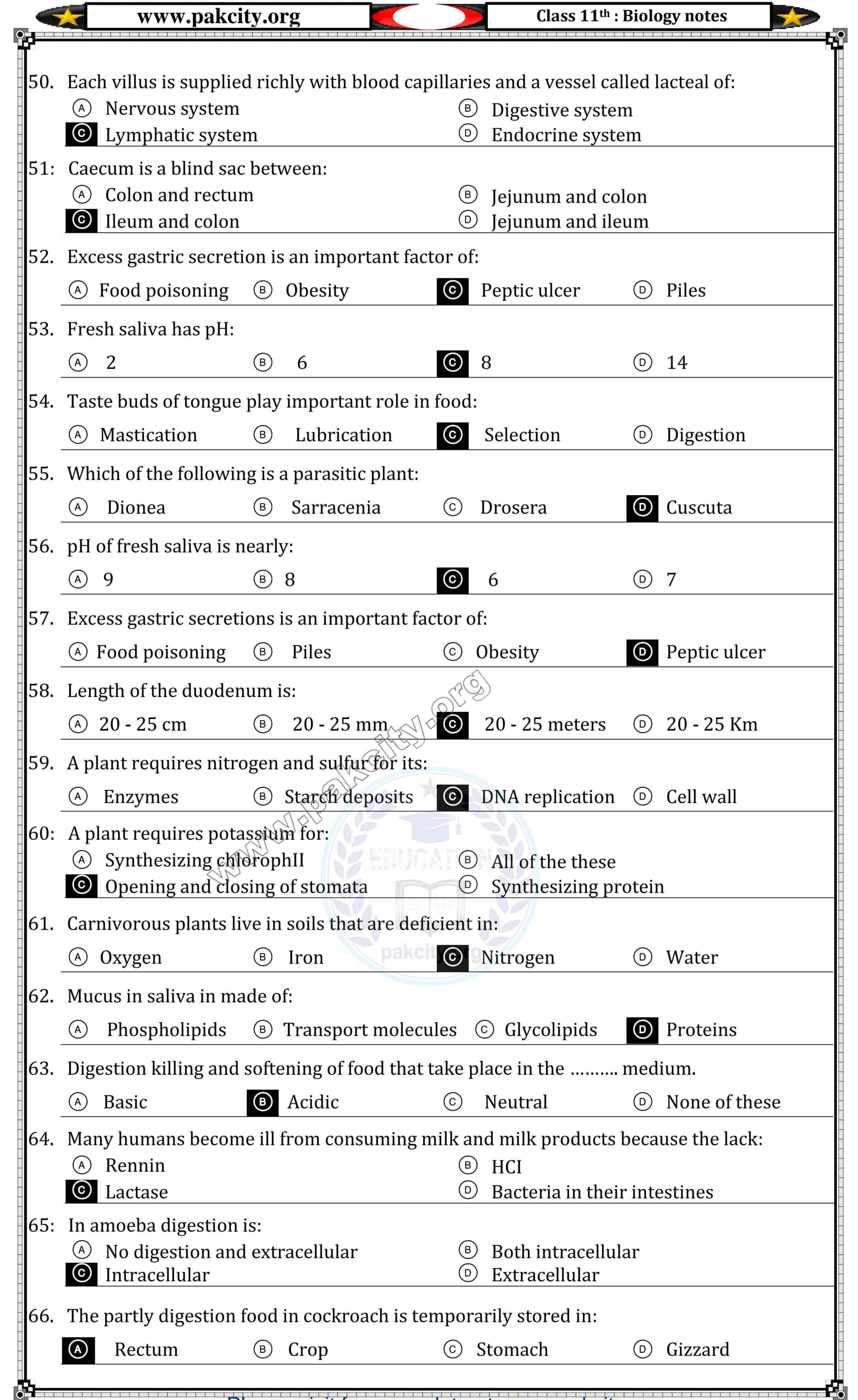


	The structure in mouth that prevents food from entering nasal cavities is the: Epiglottis Soft palate Pharynx 	
17.	The food is prevented to enter the wind pipe through the courtesy of:	
	(A) Glottis (B) Larynx (C) Epiglottis (D) Pharynx	
1Ω	Which of the following is not salivary gland:	
10.	 A Parotid glands © Sublingual glands © Gastric glands Gastric glands	
19.	Which of the following is an enzyme of saliva:	
	A Lipase B Ptyalin © Enterokinase D Pepsin	
20.	Which of the following gland is not associated with the human digestive system:	
i i	(A) Salivary gland (B) Liver (C) Spleem (D) Pancereas	
21.	The opening of the windpipe in called: A Bolus B Epiglottis C Glothis D None of these 	
22.	characteristic movements of the digestive tract.	
	A Bolus B Anti - pari stalsis None of these Peristalsis	
23.	Hunger pangs usually beginhours after the previous meal or in less time for some People:	
	A 8 - 12 B 12 - 24 B - 10 D 12 - 18	
24.	Pepsin is secreted by:	
	A Zymogen cell ® Mucus cell © Oxyntic cell © Parietal cell	
25: The human stomach is situated below the:		
	A Spleen	
26.	Perietal cell of linings of human stomach secrete:	
	(A) Gastrin (B) Pepsinogen (C) Hydrochloric acid (D) Mucus	
27.	Muscles of stomach are of which type:	
	 A Voluntary B Skeletal Cardiac Smooth 	
28:	In human stomach HCl is secreted by: A Zymogen cells B Chief cells Oxyntic / parietal cells D Mucous cells	
29:	Cardiac sphincter is present at the junction of: A Heart and oesophagus B Jejunum and ileum Oesophagus and stomach D Oesophagus and duodenum 	
30.	Heart burn is due to back flash of acidic chyme into:	
	Oral cavity B Stomach Oesophagus D Heart	
31.	HCl adjusts the pH of stomach content to a range of:	
	 A 2-5 B 2-3 C 3-4 D 1-3 	
32.	Gastric glands are composed of:	

Class 11th: Biology notes

www.pakcity.org





	www.pakcity.org	Class 11 th : Biology notes	
67.	Tentacles is characteristics of:		
	A Euglena B Hydra	© Snail D Amoeba	
68.	Which oft the following has tube typ	e digestive system?	
	A Cockroach B Hydra	© Planaria D Amoeba	
09.	In cockroach partly digested food in		
) 	A) Pit B Crop	© Gizzard © Rectum	
\ 	₹	ts of digestion for production of energy or synthesis of	
93	cellular material.		
	Assimilation B Absorption		
71:	An obese person is more likely to su		
0	A Heart diseaseAll of these	Diabetes mellitus High blood pressure	
ă L	Ulcer results in sore or hole in the w		
	A Duodenum	Stomach or trachea	
))	© Stomach or duodenum	© Stomach	
73.	Insufficient quality or quantity of bil	e secretions is responsible for causing:	
_	A Bulimia B Piles	© Dyspepsia © Anorexia	
74.	occur from 12 - 24 hours afte	r eating contaminated food.	
	Food poisoning (B) Obesity	© Dypepria Done of these	
75: ⁻	Deficiency of phosphorus in plants of	auses:	
Premature death of plants State B Yellowing of		Yellowing of leaf margins	
99	© Stunted growth of roots	© Chlorosis	
	GO Fil	l in the blanks pakcity.org	
		THE CHE DIGHTS	
Q1:	Plants absorb minerals in their	form, as found in the soil	
Q2:	The stomach functions to	and food and its	
Q3:	The structure in the mouth that pr	events food from entering the nasal cavities is the	
Q4:	In the trapped insects are d		
Q5:			
Q6: Q7:			
Q7: Q8:	**************************************		
Q0. Q9:			
	0: Vomiting occurs due to movements.		
L	l: <u>Most of the organic material in a plant is</u>		
	Answers		
1.	Ionic, water 2. Sto	ore, digest, churning 3. Soft palate	
4.	Pitcher plant 5. Ni	togen 6. Water	
7.	Nitrogen, potassium, 8. Ea phosphorus	rthworm 9. Amylopsin, Maltose	
10		rbohydrates	



Chapter: 12 Nutrition

Subjective

Q1: What is stomach?

Ans: It is enlargement of the anterior region of the gut. In vertebrates it follows oesophagus and usually has muscular walls which are helpful in crushing the food, and the lining cells secrete pepsin and hydrochloric acid.

Q2: Write down two function of tongue.

Function of tongue: Ans:

- Holds food in position between the teeth.
- Manipulation of food.

Define nutrition. Q3:

Nutrition is the sum total of all the processes concerned with growth, repair and Ans: maintenance of the living organism as a whole or its constituent parts.

What does bolus of food mean? Q4:

As a result of mastication in the oral cavity, the softened, partly digested, slimy food Ans: mass is rolled by the tongue into small oval lump called as bolus.

Q5: Name the bacteria which commonly cause food poisoning.

These bacteria are Salmonella and Campylobacter. Ans:

What is the number and nature of sphincters around the areas of man? Q6:

The human anus is surrounded by two sphincters, the internal of smooth and the outer Ans: of striped muscles.

Name the parts of the large intestine of man. Q7:

These are the colon, caecum and the rectum from in-front backwards. Ans:

How is Jaundice caused? Q8:

Jaundice is caused by the accumulation of bile pigments in the blood. Ans:

Q9: In which machine form is trypsin secreted? How is it activated?

Trypsin is secreted in the inactive form of trypsinogen which is activated by an enzyme, Ans: enterokinase, secreted by the duodenum.

Name two animals which possess a sac like digestive system.

These animals are Hydra and Pslanaria. Ans:

How does Amoeba engulf solid food particles?

The Amoeba engulfs solid food particles with the help of pseudopodia. Ans:

What is most appropriate name for digestive cavity of Hydra?

It is the coelenteron. Ans:

Name the opening through which undigested food is ejected in Hydra and the

<u>Planaria?</u>

It is the mouth. Ans:

Which parts are included in the fore-gut of cockroach?

Ans: These are mouth, cavity, pharynx, crop and gizzard.

Q15: What is botulism? What is its cause?

Ans: The severe form of food poisoning is called botulism. Its cause is a bacterium known as

Clostridium botulinum.

Q16: Define obesity.

Ans: The deposition of abnormal amount of fat on the body is termed as obesity.

Q17: What is the emulsification of fats? Which secretion emulsifies fats?

Ans: The breaking down of fats into small globules is called emulsification. It is brought about

by the bile.

Q18: What are the functions of the enzymes amino-peptidase and erepsin of the

<u>intestinal juice?</u>

Ans: The amino-peptidase converts poly-peptidase into dipeptidase whereas the erepsin

splits dipeptides into amino acid.

Q19: How are gallstones formed in the gall bladder?

Ans: The gallstones are formed in the gall bladder due to the precipitation of cholesterol,

secreted by the liver.

Q20: What are piles or haemonhoids?

Ans: These are masses of dilated, tortuous veins in the anorectal mucosa which bleed during

bowl movements.

Q21: How is constipation caused in man?

Ans: Constipation may be caused due to excessive absorption of water through the large

intestine.

Q22: Define dyspepsia. What are its symptoms?

Ans: Imperfect digestion is called dyspepsia. Its symptoms are abdominal discomfort,

flatulence, heartburn, nausea and vomiting.

Q23: Write down the pH of fresh and stale human saliva.

Ans: The pH of the fresh human saliva is about 8 and that of the stale saliva is 6.

Q24: Why some people develop intestinal gas and diarrhea by consuming milk

products?

Ans: Many humans develop intestinal gas and diarrhea by consuming milk products because

they lack the enzymes for digesting lactose in milk.

Q25: Define detritus.

Ans: Detritus is the organic debris derived from the decomposing plants and animals.

Q26: Explain a predation.

Ans: A predator is an animal which captures and readily kills other animals for its food.

Q27: How do the farmers replenish the deficiency of nutrient salts?

Ans: The deficiency of nutrient salts is replenished by adding animal manure, sewage sludge

or artificial chemical fertilizers to the soil.

Q28: Explain heart burn or pyrosis.

Ans: It is a painful burning sensation in the chest usually associated with the back flush of

acidic chyme into the oesophagus.

Chapter: 12

Nutrition

pakcity.org

Imp.Long Questions

- Q1: Write the process of digestion in amoeba.
- Q2: <u>Describe process of nutrition in Hydra.</u>
- Q3: Explain digestion in cockroach. (v.imp)
- Q4: Explain digestion in oral cavity of man. (v.imp)
- Q5: Explain digestion in stomach of man. (v.imp)
- Q6: Describe digestion of food in small intestine and also explain absorption of food.
- Q7: Describe absorption and digested food in small intestine of man. (v.imp)
- Q8: Describe the role of pancreas and liver in food digestion in Human.
- Q9: Give the role of large intestine in human beings.
 - Q10: Describe any two common diseases related to nutrition.
 - Q11: Write a note on obesity and dyspepsia.
- Q12: Write a note on food poisoning. (v.imp)
- Q13: Write notes on the following. (i). Obesity (ii). Bulimia nervosa
- Q14: Describe nutrition in insectivorous plants.
- Q15: Discuss any four methods of nutrition in animals.
- Q16: Write a note on parasitic nutrition

