**II M.Sc zoology**

**Animal Physiology (MZO31) UNIT I TEST**

UNIT I Answer ALL the questions

|  |  |
| --- | --- |
| 1 | Galactose is a  |
|  | a.polyssacharide  | b.Disaccharide  | c.Monosaccharide  | D. none of the above |
| 2 | Which food stuff is not digested in the stomach |
|  | a.Protein | b.carbohydrates | c.Lipids | d.Vitamins |
| 3 | Carboxyamylase enzymes are |
|  | 1. Endopeptidase
 | b.Exopeptidase | C.Oligopeptidase | d.Dipeptidase |
| 4 | The hormone that Stimulates Acid Secretion by Gastric Mucosa |
|  | a.Secretin | b.Motilin | c.Gastrin | d.CCK |
| 5 | Cholecystokinin release is inhibited by  |
|  | a.Secretin | b.Motilin | c.Gastrin | d. somatostatin. |
| 6 | Which Hormone is produced by the stomach when stomach is empty. |
|  | a. Ghrelin | b.Motilin | c.Gastrin | d. somatostatin. |
| 7 | Gastrointestinal hormones are |
|  | a.Peptides | b.Carbohydrates | c.Lipids | d.Minerals |
| 8 | Which hormone that contract gall bladder to release secretions to small intestine |
|  | a. Cholecystokinin | b. somatostatin. | c.Secretin | d.Ghrelin |
| 9 | Pancreatic proteases are secreted as inactive  |
|  | a.apoenzymes | b. proenzymes. | c.zymogens | d.octozymes |
| 10 | Lipids diffuse across the unstirred water layer as micelles and are mostly absorbed passively (diffusion) by  |
|  | a.endocytes | b.exocytes | c.enterocytes | d.Pericytes |
| 11 | Digestion by brush border enzymes occurs in close vicinity To\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ transporters. |
|  | a.monosaccharide | b.disaccharides | c.polysaccharides | d. .Oligosaccharides |
|  |  |  |  |  |
| 12 | Endopeptidases break down large polypeptides to smaller oligopeptides which can be acted upon by |
|  | a. exopeptidases to produce amino acids | b. endopeptidases to produce amino acids | c.Carboxypeptidases to produce amino acids | d. aminpeptidases to produce amino acids |
| 13 | The sailva helps in the digestion of |
|  | a Proteins | b Fats | c Fibers | d Starch |
| 14 | **Name the site where digestion of proteins occurs.** |
|  | (a) Pancreas | (b) Rectum | (c) Liver | (d) IIeum |
| 15 | **2. Stomach oxynetic cells in the body secrete \_\_\_\_\_\_\_\_** |
|  | (a) Hydrochloric acid | (b) Oxytocin | (c) Adrenaline | (d) Testosterone |

**M.Sc zoology**

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Answer key

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Ans**  | **S.No** | **Ans**  | **S.No** | **Ans**  |
| 1 | C | 6 | A | 11 | A |
| 2 | B | 7 | A | 12 | A |
| 3 | B | 8 | A | 13 | D  |
| 4 | C | 9 | B | 14 | D |
| 5 | D  | 10 | C  | 15 | A |