

Seat Number

--	--	--	--	--	--

April-2016



कडबा - 007

ZOOLOGY PAPER - II : ZOO-232
Mammalian Histology
(23156)

P. Pages : 2

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figures to the right indicates full marks.

1. Attempt the following multiple choice questions, **any eight**.

8

- i) The study of tissues is known as -----
a) Physiology b) Ecology
c) Histology d) Anatomy
- ii) The epithelium formed by single layer of tall cells having column like appearance is called -----
a) Simple columnar epithelium b) Simple pseudo stratified epithelium.
c) Simple cuboidal epithelium d) Simple squamous epithelium.
- iii) ----- is a dead and fully keratinized layer of epidermis.
a) Stratum spinosum b) Stratum lucidum
c) Stratum germinativum d) Stratum corneum
- iv) ----- is the hardest substance in the mammalian body.
a) Enamel b) Dentin
c) Bone d) Cartilage
- v) ----- layer of alimentary canal is mainly concerned with secretion and absorption.
a) Mucosa b) Sub-mucosa
c) Muscularis externa d) Serosa
- vi) Leucocytes are manufactured in -----
a) Bone marrow b) Lymph nodules
c) Payer's patches and-tonsils d) All of these
- vii) The sperm head contains -----
a) Nucleus b) Yolk
c) Mitochondria d) Centrosome

- viii) What organ is nick-name the master gland".
 a) Adrenal medulla b) Adrenal cortex
 c) Brain d) Pituitary gland
- ix) Blood is fluid connective tissue derived from embryonic -----
 a) Ectoderm b) Mesoderm
 c) Endoderm d) None of these
- x) ----- tubule is the most important excretory unit of the kidney.
 a) Uriniferous b) Seminiferous
 c) Malpighian d) None of these

2. Define / Explain /Comment on **any four** of following. 8
 a) Connective tissues b) Mast cell
 c) Dermis d) Heterodont
 e) Gastric gland f) Define blood
3. Attempt **any two** of the following. 8
 a) Explain Areolar tissue.
 b) Describe exocrine structure of pancreas.
 c) Sketch and label structure of sperm.
4. a) Attempt **any two** of the following. 6
 a) Thyroid gland.
 b) Describe histology of lung.
 c) Explain Hyaline cartilage.
- b) Explain Function of skin. 2
5. Attempt **any one** of the following. 8
 a) What is simple epithelium and describe the types of simple epithelial tissues.
 b) Explain the T.S. of stomach.
