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SECOND YEAR (S.Y.B.Sc.)
ZOO 23102: Mammalian Histology
(Semester III)

Program: B.Sc.(Gen03)
Program Specific: ZOOLOGY
Course Type: Mandatory Major :
Paper: II

Credits: 2
Time: 2 Hours
Max. Marks: 30
SET: A

Instructions to the candidate:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

SECTION: A

Q1) Answer the following

[5 X 1= 5]

1. Define Histopathology.
2. What is Cell?
3. What is Synapse?
4. Explain ciliated epithelial cell.
5. What are Involuntary Muscles?

SECTION: B

Q2) Answer the following (Attempt any 5/7)

[5 X 2 =10]

1. What is Duplex gland?
2. Define Bowman's Capsule.
3. Explain the term Embedding.
4. Describe function of podocyte.
5. What is Decalcification?
6. What is Beta Cell? Give its function.
7. Explain animate factor of disease.

SECTION: C

Q3) Answer the following/Write short notes on following (Attempt any 2/4)

[2 X 5 = 10]

1. Write a note on Gangrene.
2. What is Laboratory hazard? Describe its safety measures.
3. Sketch and label Nephron in kidney.
4. Describe Histological structure of Liver.

SECTION: D

Q4) Answer the following (Attempt any 1/2)

[5 X 1 = 5]

1. What is Fixative? Describe various types of Fixatives used in microtechnique.
2. What is virus? Explain the sign and symptoms of viral disease.
