

BACHELOR OF SCIENCE (CBCS-2018 COURSE)
S. Y. B. Sc. Sem-III :SUMMER- 2022
SUBJECT : ZOOLOGY : HISTOLOGY OF MAMMALS

Day : Thursday
Date : 21-07-2022

S-18357-2022

Time : 03:00 PM-06:00 PM
Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Q.1 Attempt **ANY TWO** of the following. (12)

- a) Define connective tissue. Describe areolar connective tissue.
- b) Describe histological structure of mammalian ovary.
- c) Describe histological structure of stomach.

Q.2 Attempt **ANY TWO** of the following. (12)

- a) Describe histological structure of spinal cord.
- b) Describe histological structure of hairy skin.
- c) Describe smooth muscle fibres.

Q.3 Attempt **ANY TWO** of the following. (12)

- a) Describe different types of leucocytes and state the functions of each.
- b) Describe histological structure of thyroid gland.
- c) Give a detailed histological structure of trachea.

Q.4 Attempt **ANY THREE** of the following. (12)

- a) Sketch and label V. S. of tooth.
- b) Write short note on transitional epithelium.
- c) Describe seminiferous tubule.
- d) Describe in brief L. S. of kidney.

Q.5 Attempt **ANY FOUR** of the following. (12)

- a) Explain holocrine secretion.
- b) Describe elastic fibres.
- c) Write a note on adipose connective tissue.
- d) Explain Islet's of Langerhan's.
- e) Explain adrenal medulla.
- f) Explain fungiform papillae.

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