

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

Day : Saturday

Time : 10:00 AM-01:00 PM

Date : 24-12-2022

W-18357-2022

Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagrams **WHEREVER** necessary.
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Q.1 Attempt **ANY TWO** of the following. (12)

- a) Describe microscopic structure of striated muscle fibre.
- b) Describe histological structure of stomach.
- c) Describe histological structure of spinal cord.

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

- a) Describe V.S. of tooth.
- b) With suitable diagram describe histological structure of testis.
- c) Describe different types of leucocytes and state the functions of each.

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

- a) Describe histological structure of thyroid gland.
- b) Describe histological structure of pancreas.
- c) Describe histological structure of trachea.

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

- a) Sketch and label V. S. of skin.
- b) Describe stratified cuboidal epithelium.
- c) Write a short note on mature graffian follicle.
- d) Describe L. S. of kidney in brief.

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

- a) Write note on simple alveolar gland.
- b) Explain bone marrow.
- c) Describe elastic fibres.
- d) Explain fungiform papillae
- e) Explain apocrine secretion.
- f) Write note on adipose connective tissue.

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