

S.Y.B.SC. SEM – III (CBCS - 2016 COURSE) : SUMMER - 2018

SUBJECT: ZOOLOGY: HISTOLOGY OF MAMMALS

Day : **Friday**

Time: **03.00 PM TO 06.00 PM**

Date : **04/05/2018**

S-2018-0660

Max. Marks: 60

N. B.:

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

- a) Describe histological structure of duodenum.
- b) Describe histological structure of spinal cord.
- c) Describe T.S. of hyaline cartilage.

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

- a) Describe microscopic structure of striated muscle fibre.
- b) Describe histological structure of tongue.
- c) Describe histological structure of trachea.

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

- a) Describe histological structure of liver.
- b) Describe structure of erythrocytes and thrombocytes.
- c) Describe histological structure of anterior pituitary gland.

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

- a) Sketch and label T.S. of testis.
- b) Describe transitional epithelium.
- c) Describe the distal tubule of nephron.
- d) Describe mature graafian follicle.

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

- a) Write note on simple squamous epithelium.
- b) Write on simple straight tubular gland.
- c) Explain merocrine secretion.
- d) Describe reticular fibres.
- e) Explain elastic cartilage.
- f) Define Islets of Langerhans.

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