

S.Y.B.SC. SEM – III (CBCS - 2016 COURSE) : WINTER - 2017

SUBJECT: ZOOLOGY: HISTOLOGY OF MAMMALS

Day : **Tuesday**

Time: **11.00 A.M. TO 02.00 PM**

Date : **14/11/2017**

W-2017-0582

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 stomach.
- b) Describe histological structure of mammalian ovary
- c) Define connective tissue. Describe reticular and adipose connective tissue.

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

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

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

- a) Describe histological structure of pancreas.
- b) Describe different type of leucocytes and state the functions of each.
- c) Describe histological structure of thyroid gland.

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

- a) Describe proximal tubule of nephron.
- b) Describe stratified cuboidal epithelium.
- c) Sketch and label V.S. of tooth.
- d) Describe seminiferous tubule.

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

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

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