S.Y.B.SC. SEM – III (CBCS - 2016 Course) : WINTER - 2018

SUBJECT : ZOOLOGY : HISTOLOGY OF MAMMALS

Day : Tuesday **W-2018-0721** Time : 11.00 A.M. To 02.00 P.M.

Date : 30/10/2018 Max. Marks : 60

N.B.:

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

Q.1 Attempt **ANY TWO** of the following: **[12]**

a) Describe histological structure of spinal cord.

b) Describe histological structure of stomach.

c) Describe microscopic structure of striated muscle fibre.

Q.2 Attempt **ANY TWO** of the following: **[12]**

a) With suitable diagram describe histological structure of testis.

b) Describe T.S. of liver.

c) Describe histological structure of tooth.

Q.3 Attempt **ANY TWO** of the following: **[12]**

a) Give a detailed histological structure of trachea.

b) Describe histological structure of thyroid gland.

c) Describe different types of leucocytes and state the functions of each.

Q.4 Attempt **ANY THREE** of the following: **[12]**

a) Write short note on mature graffian follicle.

b) Sketch and label V.S. of skin.

c) Describe in brief L.S. of kidney.

d) Write note on transitional epithelium.

Q.5 Attempt **ANY FOUR** of the following: **[12]**

a) Describe elastic fibres.

b) Explain holocrine secretion.

c) Write note on simple alveolar gland.

d) Write note on adipose connective tissue.

e) Explain adrenal medulla.

f) Explain Islets of Langerhan's.

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