

**S.Y.B.SC. SEM – III (2014 COURSE) : WINTER - 2017**  
**SUBJECT : ZOOLOGY : HISTOLOGY OF MAMMALS (Z-32)**

Day : **Monday**  
Date : **13/11/2017**

Time : **12.00 NOON TO 02.00 PM**  
Max. Marks : **40**

**W-2017-0625**

**N.B.**

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

---

**Q.1** Attempt any **TWO** of the following: **(10)**

- a) Describe histological structure of liver.
- b) Describe T.S.of testis.
- c) Describe histological structure of spinal cord.

**Q.2** Attempt any **TWO** of the following: **(10)**

- a) Sketch and label V.S. of skin.
- b) What is connective tissue? Describe the areolar connective tissue.
- c) Describe histological structure of artery.

**Q.3** Attempt any **TWO** of the following: **(10)**

- a) Describe T. S. of thyroid gland.
- b) Describe histological structure of duodenum.
- c) Describe structure and function of medullated nerve fibre.

**Q.4** Attempt any **FIVE** of the following: **(10)**

- a) Explain filiform papilla.
- b) Explain adipose tissue.
- c) Define holocrine secretion.
- d) Define alveolus.
- e) Enlist the name of various epithelial tissues.
- f) Explain corpus leuteum.
- g) Explain Islets of Langerhans.