

Sr.No. 6701

Exam Code: 107402

Subject Code : 7031

B.Sc. (Bio Technology) - 2nd Sem. (Old Syllb 2019-20)
(2721)

Paper: BT-1 Zoology-B

Time Allowed: 2 hrs.

Max. Marks: 40

Note: There are EIGHT questions of equal marks. Candidates are required to attempt any FOUR questions.

Section-A

1. Explain the process of urine formation in detail. (10)
2. a) Write a note on Menstrual cycle. (6)
- b) Draw well labeled diagram of nephron. (4)

Section-B

3. Discuss in detail the structure and physiology of pancreas. (10)
4. Explain the role of hormones produced by following glands
a) Parathyroid
b) Ovary (5+5=10)

Section-C

5. Discuss the process of origin and propagation of nerve impulse. (10)
6. Write a note on the eye as an organ of photoreception. (10)

Section-D

7. Explain the physiology of skeletal muscle contraction. (10)
8. Differentiate between striped, unstriped and cardiac muscle fibre in man. (10)

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