

April 2025
B.A./B.Sc.
Fourth Semester
SKILL ENHANCEMENT COURSE – 2
ZOOLOGY
Course Code: ZOS 4.11
(Medical Diagnostics)

Total Mark: 35
Time: 2 hours

Pass Mark: 14

Answer five questions, taking one from each unit.

UNIT-I

1. Define blood smear. Describe the procedure for the preparation of good blood smear. 1+6=7
2. Write a note on the following: 3½×2=7
 - (a) ESR
 - (b) Importance of medical diagnostic

UNIT-II

3. Describe in detailed about the physical characteristics of urine. 7
4. What are the abnormal constituents of urine? Write the procedure for the test of glucose and protein in urine sample. 2+5=7

UNIT-III

5. Explain the cause, symptoms, and prevention of diabetes I. 7
6. Write a note on the following: 3½×2=7
 - (a) Primary hypertension
 - (b) Testing blood glucose using glucometer

UNIT-IV

7. Explain the different types of TB. What are the three ways of preventing TB? 4+3=7

8. Define hepatitis. Describe the causes and symptoms of different types of hepatitis. 2+5=7

UNIT-V

9. Give three differences between benign and malignant tumour. Explain the types of malignant tumours with example. 3+4=7
10. Write a note on the following: 3½×2=7
- (a) PET scan
 - (b) Uses of MRI scan
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