

2024
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. What are the constituents of blood? Explain with diagrams the different types of blood cell and its function. 1+5+1=7
2. Write notes on the following: 3½×2= 7
 - (a) D.L.C.
 - (b) P.C.V.

UNIT-II

3. Define urine. Explain the different characteristics of normal urine. 2+5=7
4. Name the diagnostic test for urine analysis. Why is it done? How will you differentiate a normal and abnormal urine test? 2+3+2=7

UNIT-III

5. Define diabetes. Explain the symptoms, diagnosis, treatment, and prevention of diabetes II. 2+5=7
6. Write notes on the following: 3½×2= 7
 - (a) Secondary hypertension
 - (b) Diabetic complication

UNIT-IV

7. What causes TB? Explain the types of diagnosis and treatment of TB. 2+5=7
8. State the differences between TB and hepatitis. Describe the different types of hepatitis. 3+4=7

UNIT-V

9. Mention any two characteristics of a tumour? Explain the types of benign tumours with examples. State four diagnostic test to detect cancer. 1+4+2=7
10. Write short notes on the following: 3½×2= 7
- (a) Metastasis
 - (b) Working principles of CT imaging and its application in clinical diagnosis.
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