

Exam. Code : 103206

Subject Code : 1441

B.A./B.Sc. 6th Semester

ZOOLOGY

Paper—Zoo-VI B, Opt. (i)

(Medical Laboratory Technology)

Time Allowed—Three Hours] [Maximum Marks—35

Note :— Attempt total FIVE questions. Section—A (Q. I) is compulsory. Attempt FOUR questions selecting ONE from each unit from Section-B.

SECTION—A

I. Explain the following briefly :—

(a) Spectrophotometer

(b) TLC

(c) Sterilization techniques

(d) Antibiotic sensitivity.

(e) Serum Transaminase

(f) Carnoy's fixative

(g) PAS reaction.

1×7=7

SECTION—B

UNIT—I

- II. Describe the hazards faced in sample collection. Explain the precaution to be undertaken for the same. 7
- III. Describe principle and functions of Centrifugation. 7

UNIT—II

- IV. Write a note on differential leucocytes count of blood. 7
- V. Describe the procedure to calculate total RBC count in blood. 7

UNIT—III

- VI. Write a note on various type of culture media used in laboratory to grow bacteria. 7
- VII. Write a note on Kidney Function Tests. 7

UNIT—IV

- VIII. Describe the principle and method of Feulgen reaction. 7
- IX. Write the principle and method of Sudan Black Blue staining. 7