

**J.M.J. COLLEGE FOR WOMEN (autonomous)**

**DEPARTMENT OF ZOOLOGY**

**CERTIFICATE COURSE**

**MEDICAL LABORATORY ASSISTANT TRAINING PROGRAM (MLT)**

**MODEL QUESTION PAPER**

Time:3 hrs

Max. marks:70 M

**SECTION-A**

- I. Answer any **three** of the following 3x20= 60M
- 1.Explain the process of urine formation
  2. Write an essay on composition of blood
  3. How to calculate the Total RBC count in a given blood sample
  4. Give an account of differential leukocyte count
  5. Explain the identification of blood groups
  6. Write about the estimation of blood sugar and add a note on Glucose tolerance test

**SECTION – B**

- II. Answer any **two** of the following 2x5=10 M
7. Anemia
  8. Bile pigments
  9. Pregnancy test
  10. Estimation of blood urea

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**PRACTICAL MODEL QUESTION PAPER**

Time: 3 hrs

Max. marks: 30 M

1. Estimate the % or grams of Hemoglobin in the given blood sample 10M
2. Calculate the Total WBC count in the given blood sample 10M
- 3 . Identify the Bile pigments in the given urine sample 10M