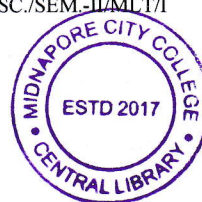


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MCC/21/M.SC./SEM.-II/MLT/I

PG CBCS  
M.Sc. Semester-II Examination, 2022  
MEDICAL LABORATORY TECHNOLOGY  
PAPER: MLT 295  
(CLINICAL PATHOLOGY LAB)



Full Marks: 50

Time: 3 Hours

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The figures in the right - hand margin indicate full marks.  
Candidates are required to give their answers in their own words as far as practicable.

3. Answer any two questions: 15X2=30
- d) Perform the qualitative analysis of glucose in supplied sample. Draw the inference of your result. 10+5
  - e) Perform the microscopic analysis of urinary sediment and identify the cast and crystals present in it. 15
  - f) Perform the experiment to identify the urinary protein and bile salt in supplied sample. 10+5
4. Answer any one questions: 10×1=10
- c) Write the principle and procedure of Ziehl-Neelsen (ZN) staining to detect the acid- fast bacilli. (5+5)
  - d) Write the procedure of gastric juice collection to calculate the different types of acid output. (10)
3. Laboratory note book and viva-voce. 05
4. Viva-voce. 05

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