

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (2013 to 2017) (Sem.-5)

**CLINICAL BIOCHEMISTRY-II**

Subject Code : BMLS-505

M.Code : 70469

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****1. Answer briefly :**

- a) Define autoanalysers.
- b) Write short note on CSF.
- c) Name the non reducing sugar.
- d) Which cells in stomach produce HCl?
- e) Name various types of renal calculi.
- f) Define ketosteroids.
- g) What is meant by GFR?
- h) What is gestational diabetes?
- i) What are transaminases?
- j) Which reaction is catalyzed by LDH?

### SECTION-B

2. Discuss chemical examination of CSF in detail.
3. Describe qualitative test for detection of urobilinogen in urine.
4. Explain insulin tolerance test.
5. Write a short note on automation in biochemistry lab.
6. Give a brief note on the rapid techniques used in clinical biochemistry.

### SECTION-C

7. What is GTT? Explain in detail the procedure, principle and clinical significance of this test.
8. Describe the principle, procedure, normal range and clinical significance of aspartate transaminases estimation.
9. Discuss urea clearance test in detail. Give its significance.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**