

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Medical Lab Sciences) (Sem.-5)

CLINICAL BIOCHEMISTRY-II

Subject Code : BMLS-505-18

M.Code : 78372

Date of Examination : 19-12-2022

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. Write briefly :

- a. What do you mean by radioimmunoassay?
- b. Define glucose tolerance test.
- c. Write the role of T3 and T4.
- d. Enlist biochemical test for CSF.
- e. Give the composition of renal calculi.
- f. Write the parts of stomach.
- g. Give significance of Lactate dehydrogenase.
- h. How CSF is collected for analysis.
- i. Give function of kidney.
- j. pH of gastric content.

SECTION B

2. Write about Hollander's test for gastric analysis.
3. Elaborate on Specialist laboratories using suitable examples.
4. Explain the Xylose excretion test.
5. Discuss about the principle, estimation and clinical significance of creatinine phosphokinase.
6. Write the quantitative examination of renal calculi.

SECTION-C

7. Write a descriptive note on gastric analysis.
8. Describe the principle, method and significance of quantitative tests for Urobilinogen's Barbiturates.
9. Discuss automation in clinical biochemistry.

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.