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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (MLS) (Sem.-5)
CLINICAL BIOCHEMISTRY-II
Subject Code : BMLS-505-18
M.Code : 78372

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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

Answer briefly :

- 1) Enlist the uses of automation in a clinical laboratory.
- 2) What do you mean by renal clearance? How it is measured?
- 3) Write down the difference between ITT and GTT & write down the normal range of glucose in our body.
- 4) Name the qualitative tests used for urobilinogens. What is its significance?
- 5) Write down the composition of CSF.
- 6) Write down the significance of lactate dehydrogenase test.
- 7) Write the location and function of acid phosphatase in human body.
- 8) Write down the clinical significance of CPK.
- 9) Give the chemical composition of renal calculi.
- 10) How is gastric analysis done?

SECTION-B

- 11) What do you mean by gastric analysis? Write down its significance.
- 12) Discuss briefly about the qualitative tests for renal calculi.
- 13) Write in brief about the chemical examination of cerebrospinal fluid.
- 14) Explain the procedure for estimation of acid phosphatase. Write down its clinical significance.
- 15) Explain the role of automation in clinical biochemistry.

SECTION-C

- 16) Write down the method of estimation & assessment of Glucose tolerance test.
- 17) Explain in detail about the qualitative tests for T3, T4 and TSH.
- 18) Write down the principle and procedure for estimation of Lactate dehydrogenase and alkaline phosphatase.

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.