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Total No. of Printed Pages: 1

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B. Sc. MLS (Semester – 5th)
CLINICAL BIOCHEMISTRY-II
Subject Code: BMLS1-535
Paper ID: 130522

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) Triglycerides
- b) Ketone bodies
- c) Galactose tolerance test
- d) Sickle cell anaemia
- e) Phenylketonuria
- f) Creatinine clearance
- g) Automation
- h) Diagnostic enzymes
- i) Juvenile diabetes
- j) Histidinemia

Section – B

(5 marks each)

Q2. Thyroid Function Tests

Q3. Maple Syrup Urine Disease

Q4. Different causes of Jaundice and Fatty Liver

Q5. Clinical significance of Acid & Alkaline Phosphatase

Q6. Types of Centrifuges used in Clinical Biochemistry Laboratory

Section – C

(10 marks each)

Q7. Explain principle, construction and working of auto-analyser used in Clinical Biochemistry Laboratory

Q8. Discuss different stages of acute and chronic renal failure along with diagnostic parameters

Q9. Write a detailed note on adult-onset diabetes with respect to biochemical changes.