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Total No. of Pages: 01

Total No. of Questions: 08

Master of Science in Medical Laboratory Science - Biochemistry (Sem. – 2)

GENERAL PHYSIOLOGY & ORGAN FUNCTION TEST

Subject Code: MMLT-204-18

M Code: 76192

Date of Examination : 19-12-2022

Time: 3 Hrs.

Max. Marks: 70

INSTRUCTIONS TO CANDIDATES:

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries FOURTEEN marks.

1. Define polysaccharides. Classify them and write their importance.
2. What are the three stages of blood clotting? Discuss various abnormalities associated with these stages.
3. Write detailed notes on:
 - a) Contraction cycle
 - b) GTT
4. Review the specific course of proteins, carbohydrates, and fat digestion in the digestive tract. Discuss enzymes that are involved in each case.
5. What is balanced diet? Discuss various diseases associated with protein and carbohydrate malnutrition.
6. What are trace elements? Discuss source, function, importance and disorders associated with some of the common trace elements.
7. Write notes on:
 - a) Lung volume and capacities
 - b) Importance of CPK estimation
8. Explain how uric acid is produced in our body. Give the method, principle and clinical significance of uric acid estimation.

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