

Roll No.

Total No. of Pages : 01

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M.Sc. MLS (Biochemistry) (2018 Batch) (Sem.-2)

**BIOCHEMICAL TECHNIQUES**

Subject Code : MMLT-201-18

M.Code : 76189

Time : 3 Hrs.

Max. Marks : 75

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT question.
2. Each question carry FIFTEEN marks.

- 1) Discuss the principle, construction and working of spectrophotometer.
- 2) Describe molecular exclusion chromatography in detail.
- 3) Describe in detail various applications of radioisotopes in the biological science.
- 4) Give the general principle of partition and adsorption chromatography. Mention their applications.
- 5) Explain in detail the principle and procedure of capillary electrophoresis.
- 6) Discuss principle and various applications of flow cytometer.
- 7) Write short notes on :
  - a) GM Counter
  - b) Chromatofocussing
- 8) Explain the principle and working of serum electrophoresis. Give its applications.

**NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.**