



# **SHREE H. N. SHUKLA COLLEGE OF SCIENCE**

**B.Sc. Sem-4**

**Question bank**

**Subject: - Biochemistry (Unit-4 Chromatography Tech.)**

## **Q-1 Marks**

- 1) The term chromatography was coined by ?
- 2) The partition or distribution coefficient is defined as\_\_\_\_\_?
- 3) Which one whatman filter paper is mostly used for paper chromatography?
- 4) The Whitman filter is made up of \_\_\_\_\_?
- 5) The solvent system for separation of amino acids by paper chromatography is\_\_?
- 6) Define Affinity chromatography.
- 7) Define Partition Coefficient.
- 8) Define Anion Exchanger.

## **Q-2/3 Marks**

- 1) Define Partition coefficient.
- 2) Define Rf Value.
- 3) Define Ion Exchanger.
- 4) Define Cation exchanger.
- 5) Write a name of GLC Detectors.
- 6) Write a name of PLC Detectors.
- 7) Write a note on Paper Chromatography.
- 8) Write a note on affinity Chromatography.
- 9) Write a note on TLC.

## **Q-5 Marks**

- 1) Write a note on HPLC System
- 2) Write a Detail note on Size Exclusion Chromatography.
- 3) Write a note on GLC.
- 4) Write a note on Ion exchange chromatography.
- 5) Write a classification of chromatography.

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