

MSD STATE UNIVERSITY- AZAMGARH

Syllabus for MINOR subject of B.Sc-1st SEM Sub: BIOCHEMISTRY

UNIT: 1 Basic of Biochemistry

- I. Contributions of Indian Biochemists.
- II. Concept of PH & PH determination
- III. Water as universal solvent

UNIT: 2 Carbohydrates

- I. Monosaccharide-Structure of Aldoses and Ketoses.
- II. Structure of biologically important sugar derivatives.
- III. Reducing and Non-reducing sugars.

UNIT: 3 Amino acids & Proteins

- I. Physical and chemical properties of amino acids
- II. Structure and classification of Proteins.
- III. Uncommon amino acids and their functions.

UNIT: 4 Lipids and Vitamins

- I. Building block of lipids-Fatty acids
- II. Classification of lipids.
- III. Water and Fat soluble vitamins.

(Signature)
26/10
(Convener)