


B.Sc.II Year-Semester-III
BIOLOGICAL CHEMISTRY
PAPER-III


Practical Question Bank

1. Preparation of normal, molar and molal solutions
2. Preparation of buffers (acids, basic and neutral)
3. Qualitative tests of Sugars, amino acids and lipids
4. Estimation of proteins by Biuret method
5. Estimation of total sugars by Anthrone method
6. Estimation of reducing sugars dns method
7. Separation of protein by SDS – PAGE.
8. Separation of amino acids by paper chromatography, TLC
9. **Spotters:**
 - (a) Osazone
 - (b) Cellulose
 - (c) Globular protein
 - (d) Lock and Key model
 - (e) Competitive inhibition
 - (f) Xerophthalmia
 - (g) RUBISCO
 - (h) Albinism
 - (i) ATP synthase
 - (j) Cytochrome
 - (k) Albinism
 - (l) Gout


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**B.Sc.-BIOTECHNOLOGY
CBCS-PRACTICAL QUESTION PAPER**

Max Marks: 50
Time:

- | | | |
|------|---|-----------|
| I. | Major Experiment | (20 M) |
| II. | Minor Experiment | (10M) |
| III. | Spotters | (2x5=10M) |
| | a) | |
| | b) | |
| | c) | |
| | d) | |
| | e) | |
| |  | |
| IV | Viva voce | (5M) |
| V | Record | (5M) |


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