

SATAVAHANA UNIVERSITY

UG Practical Examination

Question Bank

B.Sc (CBCS) Biochemistry-III Year (paper-VIII)

Semester VI (Elective) Microbiology and r-DNA Technology

Time: 2hr

Max. Marks: 25

I. Major Experiment 1*10=10M

1. Isolation of pure cultures: (i) Streak plate method (ii) Serial dilution method.
2. Gram staining.
3. Antibiotic sensitivity by paper disc method.
4. Preparation and transformation of competent cells

II. Minor Experiment 1*5=5M

5. Preparation of culture media and sterilization methods
6. Motility of bacteria by hanging drop method.
7. Bacterial growth curve.
8. Gene cloning (Demonstration only)

III. Principles (Any two) of the Major/Minor experiment 2*2.5=5M

IV. RECORD 3M

V. VIVA 2M