

CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, APRIL/MAY 2025

B.Sc(Bot), SEMESTER-II

Origin of life Diversity of Microbes

(w.e.f. 2024-25 Admitted Batch)

Time: 3 hrs.

(No additional sheet will be supplied)

Max. Marks: 70

Section-A

I. Answer any FIVE questions. Each Question Carries 4 Marks

5 X 4= 20 M

1. Miller-Urey experiments
2. TMV-Structure
3. Cyanobacteria as SCP
4. Nostoc
5. Transduction
6. Bacteria-Conjugation
7. Commensalism
8. Amensalism
9. Rhizobium
10. Herbicides

Section-B

II. Answer All question. Each Question Carries 10 Marks

5 X 10= 50 M

11. Give an account on Whittaker's five kingdom classification
or
12. Describe the Multiplication of viruses
13. Give an account of Mycoplasma
or
14. Explain cyanobacteria as Biofertilizers
15. Describe the cell structure of Eubactria
or
16. Discuss about the economic importance of Eubacteria with reference to their role in agriculture and industry
17. Give an account on the distribution of soil micro-organisms
or
18. Give an account on microbial interaction and their effect on plant growth
19. Explain about the Role of VAM in soil fertility.
or
20. Give an account on production, application, advantages and limitations of Azospirillum

