

SSR DEGREE COLLEGE (AUTONOMOUS)
SEMESTER-I BOTANY
Unit Wise Important Questions

Unit I – Food Groups, Cereals, Millets & Carbohydrates

Short Questions (4Marks)

1. Bacteria cell structure
2. Archaeobacteria
3. Actinomyceles
4. Mycoplasma
5. Bacteriophage
6. Structure of TMV
7. Conjugation
8. Transduction
9. Transformation
10. Rice Tungroo disease

Long Questions (10Marks)

1. Reproduction in bacteria
2. Economic importance of bacteria
3. Virus Replication
4. Nutrition in Bacteria
5. Types of flagella
6. Types of Virus
7. Transmitted disease by virus

Unit – II

Short Questions (4Marks)

1. Oscillatoria
2. Eubacteria
3. Volvox coenobium
4. Spermatangium
5. Oedogonium
6. Globule
7. Chara
8. Biofertilizers

Long Questions (10Marks)

1. Algae General Characters
2. Sexual Reproduction in Chara
3. Reproduction in polysiphonia
4. Asexual and sexual reproduction in Ectocarpus
5. Post fertilization changes in polysiphonia

Unit – III

Short Questions (4Marks)

1. Nutrition in fungi
2. Sclerotium
3. Aecial stage
4. Uredial stage
5. Telial Stage
6. Basidial Stage
7. Cleistothecium
8. Haplodiploid
9. Life Cycle

Long Questions (10Marks)

1. Reproduction in Albugo
2. Life cycle in Albugo (White rust)
3. Penicillium and its economic importance
4. Puccinia life cycle
5. Fungi general characters
6. Sexual and Asexual reproduction phase in fungi
7. In Fungi
8. Tikka disease of groundnut

Unit – IV

Short Questions (4Marks)

1. Lycopodium cone
2. Gemma cups
3. Sporophyte
4. Thallus, Internal, Structure of Anthoceros
5. Leaf anatomy in Polytrichum
6. Rhizoids
7. Anthoceros Archegonium

Long Questions (10Marks)

1. Root anatomy in Marsilea
2. Explain sporophyte in Polytrichum
3. Sexual reproduction of Anthoceros
4. Critical note on stelar evolution in pteridophytes
5. Heterospory and seed habit
6. Structure cone in Lycopodium
7. Asexual reproduction in Lycopodium