

Long questions. (I SEM)

Unit-1 :-

- 1) Bacterial cell structure
- 2) Sexual Reproduction in Bacteria
- 3) Virus Replication (lytic & lysogenic life cycles)
- 4) Virus causes diseases, transmission, and controlling measures.
(TMVD, RTD)
- 5) Angular leaf spot of cotton & Bacterial blight of Rice

Unit-2 :-

- 1) Give a brief account on Nostoc thallus structure, Reproduction.
- 2) Write sexual Reproduction in Oedogonium.
- 3) Write about sexual Reproduction in Chara?
- 4) Give a brief account on Asexual Reproduction in Ectocarpus?
- 5) Life cycle in polysiphonia?
- 6) Classification of Algae (Fitsch).
- 7) Economic Importance of Algae.

Unit-3 :-

- 1) Describe the structure & Reproduction & lifecycle of Albugo.
- 2) Asexual Reproduction in Saccharomyces?
- 3) Describe the structure and reproduction in penicillium.
- 4) Describe the structure and life cycle in Cercospora.
- 5) Economic importance of lichens.

Unit-4 :-

- 1) Sexual Reproduction in Marchantia
- 2) Marchantia sporophyte structure and development
- 3) Structure and development of Anthoceros.
- 4) Structure and development of polytrichum sporophyte
- 5) Sexual Reproduction in polytrichum.
- 6) Evolution of sporophyte in Bryophytes
- 7) Stele evolution in pteridophytes
- 8) Masilea petiole

Short

Unit -1

- 1) Archaeobacteria
- 2) Actinomycetes
- 3) Mycoplasma
- 4) TMVD
- 5) RTD
- 6) Papaya leaf Disease
- 7) Little leaf of Brinjal
- 8) Asexual Reproduction in bacteria
- 9) Bacteriophage
- 10) Types of viruses

Unit - 2 :-

- 1) Anabena
- 2) Oscillatoria
- 3) Citrus Canker
- 4) Asexual Reproduction in Dictyogonium
- 5) Volvox
- 6) Sexual Reproduction in Ectocarpus
- 7) Cyanobacteria
- 8) Chara

Unit - 3 :-

- 1) Albugo
- 2) Asexual Reproduction in penicillium
- 3) Penicillium
- 3) Uredospores
- 4) Teleutospores
- 5) Cercospora
- 6) Saccharomyces
- 7) Classification of fungi

Unit - 4 :-

- 1) T.S of Anthoceros thallus
- 2) Gemma cup
- 3) T.S of Marchantia thallus
- 4) Rhizome of polytrichum
- 5) Stem of polytrichum
- 6) T.S of polytrichum leaf
- 7) Rhynia
- 8) Marselia sporocarp
- 9) Heterospory
- 10) Lycopodium