

# Important QUESTIONS

SEM-IV

Biotchnology

Short Questions: (4M.)

- 1) Bright field Microscope.
- 2) Dark field Microscope.
- 3) Fluorescent Microscope.
- 4) Classification of Microorganism.
- 5) Micro-Algae.
- 6) EMIB-Agar.
- 7) CZ-apk-dux-agar.
- 8) spleen (or) lymphnode.
- 9) Immunogenicity (or) Antigenicity
- 10) Haptens
- 11) Adjuvants.
- 12) HLA
- 13) TCR
- 14) MHC

Long Questions (15M.)

- 1) Write in detail about Compound Microscope.
- 2) Write about Electron-Microscope (TEM & SEM)
- 3) Write about disease causing pathogens and symptoms.
- 4) Describe about ~~methe~~ sterilization methods?
- 5) Explain in detail about bacterial growth curve and factors effecting of it?
- 6) Write about fungal / Algal-media?
- 7) Write about cells of immune system?

8) Describe about primary and secondary lymphoid organs?

9) Write about structure and types of immunoglobulins?

10) Explain in detail about production and application of Monoclonal Antibodies?

11) Write in detail about hypersensitivity?

12) Describe about Auto-immunity?

13) Write about MHC?