

Q.P Code

Reg. No.

PG Degree Regular/Supplementary Examinations in Microbiology (M.D)

Paper I – General Microbiology and Immunology

Time : Three Hours

Maximum : 100 Marks

Essay:

(20)

1. Define sterilization. Enumerate the various methods of sterilization using heat. Describe in detail the functioning of an autoclave. Add a note on its quality control.

Short Essays

(8 x10 = 80)

2. Operation theatre (OT) disinfection and discuss air handling in OTs to minimize infections
3. Explain Graft Versus Host (GVH) reaction. Add a note on HLA (Human Leucocyte Antigen) typing.
4. Type II hypersensitivity
5. Diagnosis of autoimmune diseases
6. Microbial virulence factors
7. Biosafety cabinets
8. Draw a neat, labelled diagram of IgM. Add a note on its functions.
9. Role of biomarkers in the diagnosis of sepsis