

Time: 3 hours

[Total marks: 100]

SECTION-I

- Q.1 Define Hypersensitivity. Classify hypersensitivity reaction & describe Type-I hypersensitivity reaction in detail. 15
- OR**
- Q.1 Define & classify culture media. Describe enrichment media, simple media and selective media in brief. 15
- Q.2 Describe Morphology, culture characteristic & Pathogenesis of staphylococcus. 15
- OR**
- Q.2 Describe Morphology, culture characteristic & Pathogenesis of streptococcus. 15
- Q.3 Short Notes (any three) 15
1. Bacterial spore
 2. Filariasis
 3. Laboratory diagnosis of Ancylostoma Duodenale
 4. Tinea versicolor
 5. IgE
- Q.4 Give following answers 05
1. Give Classification of immunity
 2. Which plasmodium parasite produces black water fever?
 3. Which bacteria produce toxic shock syndrome?
 4. Which worm produces iron deficiency anaemia.
 5. Give name of species of fungi which produces otomycosis

SECTION-II

- Q.1 Explain in detail pathogenicity caused by mycobacterium. 15
- OR**
- Q.1 Explain in detail one pyogenic infection. 15
- Q.2 Explain Rhabdovirus with disease caused by it 15
- OR**
- Q.2 A. Antigen antibody reaction
B. Classification of Immunoglobulins 15
- Q.3 Write short note (any 3) 15
1. Widal test
 2. Leucopenia.
 3. Polio vaccine
 4. GTT
 5. Miasmatic approach of myocardial infarction
- Q.4 Answer the following 05
1. Test for syphilis
 2. Hypersensitivity I.....
 3. Anaemia causing parasite
 4. Glycosuria
 5. Bacillary dysentery caused by.....