

[MBBS 0723]

JULY 2023

Sub. Code :6065

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

SECOND YEAR – (CBME)**PAPER V – MICROBIOLOGY – I***Q.P. Code: 526065***Time: Three hours****Maximum : 100 Marks (80 Theory + 20MCQs)****Answer all the Questions****I. Essay:****(2 x 15 = 30)**

1. a) Define Hypersensitivity.
b) Enumerate the types of Hypersensitivity.
c) Discuss in detail about Type I Hypersensitivity.
2. A 32-year-old male presents to OPD, with complaints of swelling of right foot with multiple sinuses discharging pus. On examination in the lab, the discharge had multiple granules which on microscopic examination revealed filamentous Gram-positive bacilli.
a) What is the clinical diagnosis and what are the likely etiological agents?
b) Describe the clinical manifestation produced by this organism.
c) Add a note on the laboratory diagnosis of this condition.

II. Write Short notes on:**(10 x 5 = 50)**

1. Contribution of Robert Koch to Microbiology.
2. Principle of Phase contrast Microscope.
3. Rh incompatibility.
4. Monoclonal antibody.
5. Steps of Hand Washing Technique.
6. Give a brief note on water surveillance.
7. Toxic Shock Syndrome.
8. Larva Migrans.
9. Short note on Ocular fungal infections.
10. HACEK organisms.
