

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[BNYS 0323]**

**MARCH 2023**

**Sub. Code: 1511**

**(AUGUST 2022 & OCTOBER 2022 EXAM SESSIONS)**

**B.N.Y.S. DEGREE EXAMINATION**

**SECOND YEAR**

**(For the candidates admitted from the academic year 2011-12)**

**PAPER III – MICROBIOLOGY**

***Q.P. Code: 821511***

**Time: Three Hours**

**Answer ALL questions**

**Maximum : 100 Marks**

**I. Essay Questions:**

**(2 x 15 = 30)**

1. Pathogenesis of Tuberculosis. Add a note on its treatment.
2. Write in detail about Adenovirus with diagram.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Active Immunity.
2. Enteric fever.
3. Tetanus prophylaxis.
4. Mycetoma.
5. Oral polio vaccine and pulse polio.
6. Types of culture Medias.
7. Rabdovirus.
8. Hepatitis A virus.
9. Hansen's disease.
10. Autoclave.

**III. Short Answers on:**

**(10 x 2 = 20)**

1. Hook worm.
2. Bacteriophage.
3. Immunodeficiency diseases.
4. Define hypersensitivity.
5. Koplik's spots.
6. Chemical disinfectants.
7. Auto Immunity.
8. Hide porter's disease.
9. VDRL test.
10. Whooping cough.

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