

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

[MBBS 0224]

FEBRUARY 2024

Sub. Code :5063

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

SECOND YEAR

PAPER III – MICROBIOLOGY – I

Q.P. Code: 525063

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Define bacterial genetics. Write in detail the methods of gene transfer with diagrammatic representation.

II. Write notes on:

(6 x 4 = 24)

1. Bacterial growth curve.
2. Complement pathway.
3. Lab diagnosis of Salmonella typhi.
4. Leptospirosis.
5. Antimicrobial susceptibility testing.
6. Mycobacterium leprae.

III. Short answers on:

(6 x 1 = 6)

1. Enriched media.
2. Robert Koch.
3. Herd immunity.
4. Histocompatibility antigens.
5. Diphtheria Prophylaxis.
6. Toxins of Staphylococcus aureus.
