

# MT 16905

## Second Year MBBS Examination

### II MBBS Microbiology Paper 1

Time: 2 hours Date: 07-02-2018 Max Marks: 40

- Instructions:
1. Answer to the points.
  2. Figure to the right indicates marks.
  3. Use separate answer books for each section.
  4. Draw diagrams wherever necessary.
  5. Write legibly.

#### Section 2

2. Write short answers on any two (10)

- a) Laboratory Diagnosis of Typhoid fever
- b) Major Histocompatibility Complex.
- c) Laboratory diagnosis of Tetanus.

3. Write short answers on any two (6)

- a) Enumerate bacteria, producing exotoxins.
- b) Draw and Label the Bacterial flagella.
- c) Enumerate determinants of antigenicity.

4. Write short notes on any two: (10)

- a) Sterilisation by moist heat,
- b) Enzyme Linked Immunosorbent Assay (ELISA)

c) Tuberculeusis.

5. Write short answers on any two.: (6)

a) Give differences between primary and Secondary immune response.

b) Write the principle of dark ground microscope and its use.

c) Enumerate agents Ecæcausing non gonococcal urethritis

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