

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S March-2021 Examination

Year: 2

Subject Code: 19100204

Subject Name: Microbiology- II

Date: 25-03-2021

Time: 10:30 am to 12:30 pm

Total Marks: 40

Instructions:

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B, and section-C on separate answer sheets.

SECTION – A

Q.1. Write Any **TWO** out of **THREE**. (2x5=10)

- a. Pulmonary Tuberculosis – Pathogenesis and Laboratory diagnosis.
- b. Write Pathogenesis & Laboratory diagnosis of Enteric fever.
- c. Discuss Suppurative lesions caused by staphylococcus aureus with Laboratory diagnosis.

Q.2. Write Any **TWO** out of **THREE**. (2x3=06)

- a. Syphilis.
- b. Non Suppurative complications of Streptococcus pyogenes.
- c. Pathogenesis and laboratory diagnosis of dengue fever.

SECTION – B

Q.3. Write Any **TWO** out of **THREE**. (2x5=10)

- a. Serological markers of Hepatitis B infection.
- b. Enumerate different modes of HIV transmission and write Laboratory diagnosis of HIV.
- c. Anti-Rabies Vaccines.

SECTION – C

Q.4. Write Any **TWO** out of **THREE**. (2x4=8)

- a. Dermatophytes / Skin fungal Infections.
- b. Candidiasis.
- c. Opportunistic fungal infections.

Q.5. Write in One sentence. (6x1=6)

- a. In vitro serological test to detect toxigenic strain of Corynebacterium diphtheria is _____.
- b. Name two causes of Biological false positive result in VDRL test.
- c. Name Serological marker indicating successful Hepatitis B vaccination.
- d. Name two causative agents of Atypical Pneumonia.
- e. In case of Influenza A virus, H stands for..... And N stands for..... receptors.
- f. Name two dimorphic fungi.