

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S March 2020 Examination

Year: 2
Subject Code: 19100203
Subject Name: Microbiology-I

Date: 18/03/2020
Time: 10:30 am to 12:30 pm
Total Marks: 40

Instructions:

1. All questions are mandatory
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.

SECTION – A

Q.1. Write Any TWO out of THREE. (10)

- a. Classify sterilization and write about autoclave.
- b. Write about anaerobic cultivation methods.
- c. Write about Bacterial cell wall.

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

- a. Write about immunoglobulin M (IgM).
- b. Bacterial growth curve.
- c. Write about Agglutination reaction.

SECTION – B

Q.3. Write Any TWO out of THREE. (10)

- a. Write about Laboratory diagnosis of Malaria.
- b. Classify Immunity and write about Active Acquired Immunity.
- c. Write about type 1 hypersensitivity.

SECTION – C

Q.4. Write Any TWO out of THREE. (8)

- a. Laboratory diagnosis of Bancroftian Filariasis.
- b. Write Pathogenesis of Entamoeba histolytica..
- c. Neurocysticercosis.

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

- a. What is a prozone phenomenon?
- b. Name four selective culture media.
- c. What is herd immunity?
- d. What is transformation?
- e. Examples of two parasite where human acts as an intermediate host.
- f. What is allograft reaction?