

PARUL UNIVERSITY
FACULTY OF MEDICINE
MBBS EXAMINATION JUNE -2019

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

Date:13/06/2019
Time: 10:30AM 12:30PM
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 FOUR.

1. Classify Hypersensitivity Reactions and write about Anaphylaxis. **(05)**
OR
2. Define Agglutination. Write about different Agglutination reactions.
3. Write about Laboratory diagnosis of Malaria. **(05)**
OR
4. Write Pathogenesis & Laboratory diagnosis of Hook worm.

Q.2. Write Any TWO out of THREE.

- a. Structure & Function of Immunoglobulin (IgG).
- b. Neurocysticercosis.
- c. ELISA.

(06)

SECTION – B

Q.3. Write Any TWO out of THREE.

- a. Bacterial cell wall.
- b. Anaerobiosis.
- c. Gene transfer mechanisms in bacteria.

(10)

SECTION – C

Q.4. Write Any TWO out of THREE.

- a. Laboratory diagnosis of Leishmaniasis.
- b. Active Acquired Immunity.
- c. Bacterial growth curve.

(8)

Q.5. Write in One sentence.

- a. Prozone phenomenon occurs when _____ is in excess.
- b. Name two Enriched culture media.
- c. Functions of Fimbriae.
- d. Tropical Pulmonary eosinophilia is caused by _____.
- e. Examples of two parasite where human acts as an intermediate host.
- f. What is Nosocomial infection?

(6)