

Enrollment No: _____ Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : Skill Enhancement Elective II (Microbial Diagnosis in Health Clinics)

Subject Code : 4SC04MDC1

Branch: B.Sc. (Microbiology)

Semester: 4

Date: 01/05/2019

Time: 02:30 To 04:00

Marks : 35

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1 Attempt the following questions: (07)

- a) Define : Heamagglutination. (1)
- b) _____ is vector for transmission of dengue. (1)
- c) Give any two examples of infectious disease. (1)
- d) What is full form of FITC? (1)
- e) Decontamination of surface and spill is done by? (1)
- f) Define : cytopathology. (1)
- g) Widal test is used for diagnosis of typhoid. True/False. (1)

Attempt any Two questions from Q-2 to Q-5

Q-2 Attempt all questions (14)

- a) Short note on HIV. (6)
- b) Write about different modes of disease transmission. (5)
- c) Enlist different methods of Ag-Ab detection. (3)

Q-3 Attempt all questions (14)

- a) Brief account on antibiotic sensitivity testing methods. (6)
- b) Short note on direct agglutination. (5)
- c) Enlist different types of bacteria. (3)

Q-4 Attempt all questions (14)

- a) Brief account on specimen collection and transport. (6)
- b) Elucidate on different types of Media. (5)
- c) Differentiate between PCR and DNA Replication. (3)

Q-5 Attempt all questions (14)

- a) Short note on ELISA. (5)
- b) Write about Typhoid. (5)
- c) Brief account on immunofluorescence. (4)

