

9/12/20 (Wednesday) 2 pm to 4 pm

**GURUDAS COLLEGE
INTERNAL EXAMINATION 2020
BSc (Semester IV) Under CBCS
MICROBIOLOGY (HONS)
PAPER MCB-A-SEC-B-4-2**

TIME 2 Hr

FULL MARKS: 40

Q. 1 Answer any **EIGHT** questions

8x5=40

- a. What is Most probable Number Technique? What is its significance?
- b. What are several groups of Microbes found in water?
- c. State Briefly about chromogenic media that are used in rapid detection of water borne pathogens.
- d. What is total coliform? What are the characteristics of coliform group of bacteria?
- e. State the principle of Indole and Methyl red test.
- f. What are the characteristics of indicator organisms.
- g. What is the out come of E.coli in IMViC reaction?
- h. What is the purpose of presumptive, confirmatory and completed test?
- i. What is the role of UV in sanitation or disinfection?
- j. What are the advantages and disadvantages of Membrane filtration technique?
- k. Name two Fecal, two non fecal , two water borne viruses and two protozoan cells.

NOTE: SUBMIT PDF OF ANSWER SCIPT TO infomcbasem4@gmail.com WITHIN 4:30 PM