

6/12/20 (Sunday) 11 am to 1 pm

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

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 four water borne diseases and its causative agents.
- d. What is coliform bacteria? What are their characteristics?
- e. State the principle of Indole and citrate test.
- f. What is indicator organism and what are their characters?
- g. What is the result of IMViC reaction?
- h. What is EMB and Endo agar?
- i. What is the role of UV against microbes?
- j. What is Membrane filtration technique?
- k. Name two Fecal, two non fecal , two water borne viruses and two protozoan cells.
- l. What is presumptive test and false positive presumptive test?
- m. What is methyl red indicator? Where it is used in water purity checking?

NOTE: SUBMIT PDF OF ANSWER SCIPT TO mcbgcbcs@gmail.com WITHIN 1:30 PM