



Register Number:

Date:

**ST. JOSEPH'S COLLEGE (AUTONOMOUS), BENGALURU-27.
M.Sc MICROBIOLOGY - III SEMESTER
SEMESTER EXAMINATION- OCTOBER 2019
MB0E - 9518 MICROBES AND US**

Time: 1 1/2hours

Max Marks: 35

This question paper contains 1 printed page and 3 parts

I. Answer any Five_of the following

5x2=10

1. Define Microbiology and list two branches of Microbiology
2. Classify Microorganisms based on its pH requirement.
3. Differentiate Symbiosis and Dysbiosis.
4. What role does yeast play in bread making?
5. Define communicable disease giving an example.
6. How is typhoid transmitted?
7. What is OPV? Why is it administered?

II. Answer any Three of the following

3x5 =15

8. Write a note on acquired immunity.
9. List the methods of transmission of infection and add a note on any one.
10. How can nosocomial infections be prevented?
11. Write five steps in maintaining healthier gut.
12. Define Antibiotics. When are antibiotics administered? Critique antibiotic abuse in brief.

III. Answer any One of the following

1x10=10

13. Give an account of the cause, sign and symptoms, prevention and treatment of Candidiasis
14. a. Define Sterilization and Disinfection. Where are sterilization and disinfection practices followed? **5**
b. What is Acidophilus milk and Yoghurt? List their Nutritive and Therapeutic value. **5**