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**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27.**

**B.Sc MICROBIOLOGY - IV SEMESTER**

**SEMESTER EXAMINATION- APRIL 2019**

**MB0E416B - Microbial Diseases: Causes, Prevention and Cure**

**Time:1 1/2hrsMax Marks: 35**

This question paper contains **2** printed pages and **3** parts

**I. Answer any Five of the following 5x2=10**

1. Define epidemic and pandemic.
2. Name two disinfectants.

3. When is BCG and Hib vaccine administered?

4. Name the disease that can be transmitted by ingestion and inhalation.

5. What do you understand by the term thermophilic and mesophilic microorganisms?

6. How is Dengue transmitted?

7. What is a vaccine? Give an example of a vaccine.

**II. Answer any Three of the following 3x5=15**

8. Write a note on sources of infection.

9. Explain how hospital infections are acquired.

10. Classify microorganisms based on pH and oxygen requirement.

11. How is Candidiasis prevented and treated?

12. Write a note on abuse of chemotherapy.

**III**. **Answer any One of the following 1x10=10**

13. Give an account of the causes, prevention and treatment of Tuberculosis.

14. What causes AIDS? How can one protect themselves from being infected? Add a note

on its treatment.