MB9218-A-Beatrice-2022



Date:03-03-2022

Registration number:

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

M.Sc MICROBIOLOGY - III SEMESTER

SEMESTER EXAMINATION: OCTOBER 2021

(Examination conducted in January-March 2022)

**MB OE 9518 - Microbes and Us**

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

***This question paper has 1 printed page and 3 parts***

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

1. Define an ecological niche.

2. How is gut microflora restored?

3. Classify microorganisms.

4. Define dysbiosis.

5. Mention whether the following diseases are communicable or non communicable?

a) Diabetes b) Pnuemonia c) Tuberculosis d) cancer.

6. Name the causative organisms for the latest outbreak and what is its source?

7. Why is Hib and DPT administered?

**II**. Answer any **Three** of the following **5 x3 =15**

8. Describe the innate mechanism of how the immune system protects us.

9. Write a note on insects and humans as sources of infection.

10. Define chemotherapy. Write a note on its abuse.

11. Describe the microbiological process in the fermentation of yoghurt.

12. Give an account of Insulin production.

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

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

14. Explain how AIDS can be prevented and treated.

**MB-9218-B-21**