



Date:

Register Number:

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BENGALURU-27
M.Sc. FOOD SCIENCE AND TECHNOLOGY - II SEMESTER
SEMESTER EXAMINATION: APRIL 2022
(Examination Conducted in July 2022)
FST 2619- FOOD AND NUTRITION

Time- 2 1/2 hrs.

Max Marks-70

This paper contains **02** printed pages and **four** parts

I. Answer any FIVE of the following

5x3=15

1. Define various food groups found in the Indian diet.
2. Mention the food consumption trends of Indian population.
3. List the various factors influencing mineral availability.
4. Write the names of macro and micro minerals.
5. What is the role of fiber in human nutrition?
6. Define the role of fat-soluble vitamins in metabolism.
7. What are the special calorie requirement of pregnant woman?

II. Answer any FIVE of the following

5x5=25

8. Discuss the nutritional values of major cereals consumed in India.
9. Explain the various methods of assessing protein quality.
10. Write notes on protein metabolism.
11. Highlight the various food nutrition programs for school going children in India.
12. What are the methods used for the assessment of anthropometry?
13. Briefly explain the Therapeutic modifications of normal diet.
14. Explain the importance of nutraceuticals.

III. Answer any TWO of the following

2x10=20

15. Describe the Carbohydrate metabolism in humans.
16. Illustrate the role of micronutrients in immunity development.
17. Explain the role of nutrition in cardiovascular and hepatic disease management.

IV. Answer the following

1x10=10

18. A person is suffering from renal ailments and a has restriction in diet. Design a therapeutic diet plan for the patient and describe the importance of this special diet.