

**B.Sc. Semester-IV Examination, 2022-23****NUTRITION [Honours]**

Course ID : 42312 Course Code : SH/NUT/402/C-9

**Course Title : Diet Therapy I**

Time : 1 Hour 15 Minutes Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***Answer all the questions.****UNIT-I**1. Answer any **five** of the following questions:

1×5=5

- a) “Antibiotics are linked with diarrhoea”– Explain it.
- b) What do you mean by Bland diet?
- c) Distinguish between Diet Therapy and Therapeutic Diet.
- d) What is dumping syndrome?
- e) Explain gluten sensitive enteropathy.
- f) In which condition parenteral nutrition given to the patient?

*[Turn Over]*

- g) State two clinical manifestations of malaria fever.
- h) Give any two causes of spastic constipation.

**UNIT-II**2. Answer any **two** of the following questions:

5×2=10

- a) What kind of complications occur due to IBD? Write the association between FODMAPs diet and IBS. What is flatulence? 2+2+1
- b) State the role of dietary fibre in management of constipation. Mention the causes of obstructive constipation. 3+2
- c) Classify burn according to depth of injury. State the role of micronutrients and antioxidants in management of burn. 2+3
- d) State the role of reducing diet in management of obesity. What are the complications that occur due to obesity? What is hypertrophy? 2+2+1

### UNIT-III

3. Answer any **one** of the following questions:

10×1=10

- a) Discuss the role of prebiotics and probiotics in prevention and management of diarrhoea. What kind of physiological disturbance occur due to diarrhoea? Describe the dietary phases followed in treatment of diarrhoea in children. What is osmotic diarrhoea? 3+3+3+1
- b) What are the principles followed in preparation of therapeutic diet? Write a brief note on Fluid diet. In which condition high carbohydrate diet is prescribed? State the role of immunonutrition before surgery. 2+4+1+3

-----