

U.G. 5th Semester Examination - 2021**FOOD & NUTRITION****[HONOURS]****Discipline Specific Elective (DSE)****Course Code : F&N-H-DSE-T-IB****(Therapeutic Nutrition and Critical Care)**

Full Marks : 40

Time : 2½ Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** questions: $2 \times 5 = 10$
- a) What is therapeutic diet?
 - b) Define multiple organ dysfunction syndromes.
 - c) What is the main cause of osteoarthritis?
 - d) What is ORS?
 - e) Why is typhoid called an enteric fever?
 - f) List the symptoms of Lupus arthritomatosis.
 - g) Give the principles of dietary management of cholera.
 - h) What is gluten restricted diet?

2. Answer any **two** of the following: $5 \times 2 = 10$
- a) Write a note on dietary management of trauma.
 - b) Discuss in brief about the metabolic response to injury.
 - c) Infection and fever are coexistent – explain with reasons.
 - d) Explain the pathophysiology of sepsis.
3. Answer any **two** of the following: $10 \times 2 = 20$
- a) Elaborate nutrition therapy for diarrhea.
 - b) Explain the etiology and your dietary recommendation for osteoarthritis.
 - c) Write the complications and dietary management of burns.
 - d) Enumerate the nutrient requirements of the critically ill adult.
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