

U.G. 5th Semester Examination - 2020**FOOD & NUTRITION****[HONOURS]****Discipline Specific Elective (DSE)****Course Code : F&N-H-DSE-T-IB****(Therapeutic Nutrition and Clinical 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 meant by asepsis?
 - b) What is ORS?
 - c) What is the difference between isotonic and iso-osmolar solution?
 - d) What is the difference between Osteoarthritis and Osteoarthrosis?
 - e) Name two NSAIDs.
 - f) What is Ryle's tube?
 - g) What is intravenous feeding?
 - h) What is the meaning of Convalescence?

2. Answer any **two** questions: $5 \times 2 = 10$
- a) Why do burn patients need extra protein? Discuss diet for a burn patient. $2+3=5$
 - b) What is sepsis? What are the symptoms of sepsis? What foods help with sepsis? $1+2+2=5$
 - c) Discuss on the difference between Rheumatoid arthritis and Lupus arthritis. 5
 - d) Do the patients in surgical ward need special feeding? What are the three nutrients that are most likely to be deficient and what supplementation should be given? $1+4=5$
3. Answer any **two** questions: $10 \times 2 = 20$
- a) Write on the aetiology of Osteoarthritis. Discuss on the treatments of osteoarthritis using following points: Lifestyle management, nutritional supplement, medicine and surgery. $4+6=10$
 - b) What is Short febrile illness and Long-continued fever? Give example of at least one disease when they occur. Write briefly on the diets for short febrile and long continued febrile conditions. $4+2+4=10$

- c) Discuss briefly on the clinical features of diarrhoea. Write on the treatments considering the severity of the diarrhoeal condition.

4+6=10

- d) Write on the metabolic response to injury with special reference to protein metabolism. Write on the effects of injury on water and electrolytes.

6+4=10
