

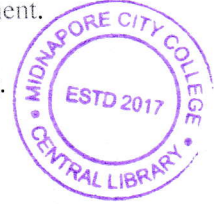
PG (CBCS)
M.Sc. Semester- IV Examination, 2026
NUTRITION & DIETETICS
 PAPER: NUD 401
(FOOD & NUTRITION SERVICES IN HOSPITAL AND NUTRITION IN CRITICAL CARE)

Full Marks: 40**Time: 2 Hours**

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

GROUP-AAnswer any **FOUR** from the following questions:**2×4=8**

1. What is quality management in health care system?
2. What do you mean by SIRS?
3. Mention the key elements of Continuous Quality Improvement.
4. Define the parenteral diet.
5. Write the benefits of bolus feeding over continuous feeding.
6. What is Parkland formula?

**GROUP-B**Answer any **FOUR** from the following questions:**4×4=16**

7. Describe the scope of food and nutrition services in hospital.
8. What do you mean by 'Patient Satisfaction'? Write some 'house rules' to attain the satisfaction of the patient. 1+3
9. Describe the process of assessing quality of services.
10. Classify burn according to TBSA. What are the common causes of burn? 2+2
11. Discuss the indications and composition of polymeric and monomeric formula feeding. 2+2
12. What is hepatic encephalopathy? Briefly discuss nutritional management of a ESLD patient. 1+3

GROUP-CAnswer any **TWO** from the following questions:**2×8=16**

13. What is Total Quality Management (TQM)? Write the importance of TQM. Describe the basic elements of TQM. 2+2+4

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14. What are the purposes of Continuous Quality Improvement. Describe the Six Sigma methodology of continuous quality improvement. Write the importance of Six Sigma methodology. 2+4+2
15. Write the pathophysiology of HIV infection. Discuss the common nutritional diagnosis with specific nutritional implications of a HIV infected patients. What is antiretroviral Therapy? 2+4+2
16. What is primary health care. Write eight essential components of primary health care. Explain the principles of primary health care. 1+3+4



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