

# Question Paper

Exam Date & Time: 20-Oct-2022 (10:12 AM - 11:30 AM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER B. Sc. NURSING DEGREE EXAMINATION – OCTOBER 2022

SUBJECT: N-NE(I&II) – 125<sup>TH</sup> – NURSING FOUNDATION(I&II)

Marks: 63

Duration: 168 mins.

### Answer all the questions

#### Essay:

2. Following a surgical procedure, a female patient complains of urinary retention. The nurse catheterizes the patient with a two-way Foley's catheter after she was unsuccessful in implementing nursing measures to facilitate voiding.
  - 2A. List the purposes for urinary catheterization. (5)
  - 2B. Discuss the steps of urinary catheterization in this patient. (10)
  
3. Explain the following in relation to the assessment phase of the nursing process:
  - 3A. Types of data with examples for each. (3)
  - 3B. Sources of data. (4)
  - 3C. Steps of the assessment process. (8)
  
4. **Short note:**
  - 4A. Describe the Glasgow Coma Scale. (5)
  - 4B. Explain factors affecting drug administration. (5)
  - 4C. Describe the indicators of spiritual health. (5)
  - 4D. Explain the factors affecting blood pressure. (5)
  - 4E. Describe the indication and technique of logrolling a patient. (5)
  
5. **Short answers:**
  - 5A. Describe the health - Illness continuum. (2)
  - 5B. Describe **FOUR** barriers of communication. (2)
  - 5C. List any **FOUR** purposes of bed making. (2)
  - 5D. Name the different types of drug orders. (2)

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# Question Paper

Exam Date & Time: 21-Oct-2022 (10:04 AM - 11:00 AM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
SECOND SEMESTER B.Sc. NURSING DEGREE EXAMINATION - OCTOBER 2022  
SUBJECT: BIOC – 135 – APPLIED BIOCHEMISTRY

Marks: 21

Duration: 86 mins.

**Answer all the questions.**

**1. Short note:**

- 1A. Explain the stages and significance of glycolysis (5)  
1B. Explain the significance of transamination with TWO examples (5)  
1C. Define beta-oxidation of lipids and explain the pathway (5)

**2. Short answers:**

- 2A. Define clearance and eGFR (2)  
2B. List the biochemical findings in hepatitis (2)  
2C. Classify immunoglobulins and state the basis of classification (2)

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# Question Paper

Exam Date & Time: 22-Oct-2022 (10:08 AM - 12:00 PM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
SECOND SEMESTER B.Sc. NURSING DEGREE EXAMINATION - OCTOBER 2022  
SUBJECT: NUTR 140 – APPLIED NUTRITION & DIETETICS

Marks: 42

Duration: 112 mins.

**Answer the following questions:**

1. **Essay:**

- 1A. Describe the nutritional requirements during pregnancy. (6)  
1B. Explain the dietary recommendations for a diabetes mellitus patient. (4)

2. **Short note:**

- 2A. Explain the effects of cooking on carbohydrates and proteins. (5)  
2B. Explain clinical assessment used in nutritional status. (5)  
2C. Explain the role of a nurse in vitamin A deficiency prophylaxis program. (5)  
2D. Describe the functions of vitamin C. (5)

3. **Short answers:**

- 3A. Name the methods used in food storage. (2)  
3B. Describe the factors influencing food habits. (2)  
3C. Describe the Recommended Daily Allowance (RDA) of fat for an adult. (2)  
3D. List the factors affecting basal metabolic rate (**Any FOUR**). (2)  
3E. Explain the functions of proteins (**Any FOUR**). (2)  
3F. List the functions of calcium. (2)

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