



All India Institute of Medical Sciences, Kalyani
M.Sc. Nursing First Year Examination, July 2025

Time: 3 Hrs.

Advance Nursing & Allied Subjects

Marks: 75

INSTRUCTIONS:

- Draw diagram wherever necessary.
- Answer Section-A & Section-B in separate answer booklets.

SECTION A

Essay-type questions (Attempt All Questions)

(3×15=45)

1. Mr. X is a 30-year-old man brought to the emergency room after a road traffic accident. On examination, found that he is unconscious, PR-not palpable, BP-not recordable, GCS-E1V1M1.
 - a. Explain the ACLS guidelines (6)
 - b. Enumerate the primary and secondary survey of Mr. X (4)
 - c. Discuss the nursing management of Mr. X (5)
2.
 - a. Describe the health care delivery system in India at the national, state, and district levels. (10)
 - b. Explain the extended role of the nurse in health care delivery system in the community and institutions. (5)
3. Mr. Y is admitted to the MICU after a road traffic accident. He was diagnosed as having a Thoracic spine fracture with complete paraplegia of both lower limbs.
 - a. Explain the concepts of Callista Roy's adaptation model in context to the patient. (8)
 - b. Prepare a Nursing Care Plan for Mr. Y based on Callista Roy's adaptation model. (7)

SECTION B

Short Notes (Answer any SIX questions)

(6×5=30)

1. Quality assurance in nursing.
 2. Prevention of genetic disorders.
 3. Epidemiological approach and methods.
 4. Hyperkalemia Vs. Hypokalemia
 5. Crisis intervention.
 6. Scope of Independent Nurse practitioner
 7. Evidence based Nursing practice
 8. Use of computers in nursing care.
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