

MANIPAL ACADEMY OF HIGHER EDUCATION
THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 301 – MEDICAL SURGICAL NURSING – II (ESSAY)

Wednesday, June 12, 2019

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

1. Mr. X, a 60 years old adult comes to the hospital with complaints of right sided weakness and slurred speech. He was diagnosed to have stroke and is admitted in the hospital. Answer the following in relation to his diagnosis and symptoms.

- 1A. Classification of stroke.
- 1B. Pathophysiology of stroke.
- 1C. Collaborative management for Mr X.

(3+5+5 = 13 marks)

2. Mr. Y, a 43 years old construction worker is admitted to oncology ward with chronic cough, mild dysphasia, weight loss (6 - 8kg in 3 months) and shortness of breath. He gives a history of chronic smoking. He is suspected to have lung cancer and may require surgical intervention. Considering this, answer the following in relation to Mr. Y.

- 2A. Different surgical options available for Mr. Y.
- 2B. A health teaching plan.

(7+5 = 12 marks)

3. **Write short notes on the following:**

- 3A. Nurse's role in safety needs of elderly
- 3B. Post-surgical management of cataract patient
- 3C. Types of otitis media
- 3D. Clinical manifestations of menopause
- 3E. Fluid management in major burn injury
- 3F. Principles of emergency nursing
- 3G. Difference between defibrillation and cardioversion

(5 marks × 7 = 35 marks)





MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JUNE 2019
SUBJECT: BSN 308 - NURSING RESEARCH AND STATISTICS
Tuesday, June 18, 2019 (10.00 - 13.00 Hrs.)

Answer ALL the questions.
 Write brief, clear, relevant and legible answers.

Marks: 75

Duration: 180 mins.

SECTION A: NURSING RESEARCH (50 MARKS)

- 1A) Describe the elements of research design. (5)
- 1B) Explain the types of quasi and pre-experimental research designs with examples. (10)

2) Explain "sampling" under the following headings:

- 2A) Purposes (5)
- 2B) Probability sampling technique with examples (10)

3) Write short note on the following:

- 3A) Steps of scientific research (5)
- 3B) Resources for Evidence Based Practice (5)
- 3C) Types of validity (5)
- 3D) Methods of communicating research findings (5)

SECTION B: STATISTICS (25 MARKS)

Answer all the questions.

- 4) Write the functions of biostatistics. (Any FOUR) (4)
- 5) Tabulate the following 25 scores into frequency distribution using a class interval width of five units and calculate the cumulative frequency. (5)
- | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 72 | 75 | 77 | 67 | 72 | 80 | 78 | 66 | 86 | 74 | 69 |
| 84 | 75 | 76 | 76 | 87 | 72 | 64 | 84 | 77 | 88 | 70 |
| 65 | 72 | 69 | | | | | | | | |
- 6) The fasting blood sugar level of 10 subjects are given below. Calculate the mean and standard deviation: (5)
- | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 77 | 78 | 96 | 72 | 88 | 68 | 75 | 69 | 85 | 70 |
|----|----|----|----|----|----|----|----|----|----|

7) A study on the fasting blood glucose levels of patients provide a mean glucose level of 132 gm/dl and standard deviation of 10 gm/dl. Assuming normalcy, what percentage of individuals will have a fasting blood glucose levels:

- 7A) Between 122 and 162 gm/dl (2.5)

- 7B) More than 152 mg/dl (2.5)
- 8) Explain the steps involved in testing the hypothesis of a research study. (6)

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MANIPAL ACADEMY OF HIGHER EDUCATION
THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 303 – CHILD HEALTH NURSING (ESSAY)

Saturday, June 22, 2019

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

1. An eight months old infant was brought to the well-baby clinic. On history collection, his birthweight was found to be 3 kg and the length was 45 cms. In relation to this, answer the following:

1A. Calculate the expected weight and length.

1B. Explain the neurological reflexes that you would expect the child to have developed (any five).

1C. Describe the cognitive development of the child.

(3+5+4 = 12 marks)

2. A three days old neonate was admitted in NICU with the diagnosis of Tracheo esophageal fistula (TEF). Considering this situation, answer the following questions:

2A. Classify TEF.

2B. List the clinical features of TEF.

2C. Describe the post operative nursing management of the neonate.

(5+3+5 = 13 marks)

3. **Write short notes on:**

3A. Role of a pediatric nurse

3B. Freud's psychosexual theory of development

3C. Difference between preterm and term infants

3D. Infection control in the NICU

3E. Principles of Integrated Management of Neonatal and Childhood Illnesses (any five)

3F. Clinical features of Protein Energy Malnutrition

3G. Management of child with learning disability

(5 marks × 7 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2019
SUBJECT: BSN 305 – MENTAL HEALTH NURSING (ESSAY)

Wednesday, June 26, 2019

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

1. Mrs X, 25 years old lady brought by her husband to a mental health unit with the complaints of abusing family members, excessive talking, wandering behaviour and decreased sleep for 7 days. Considering this situation answer the following questions:
- 1A. Discuss the measures to prevent Mrs X from harming others.
1B. What nursing interventions are to be carried out to improve her sleep?
1C. Explain the measures to reduce Mrs X's hyperactivity.

(2+5+6 = 13 marks)

2. Answer the following in relation to Electroconvulsive therapy with relevant illustrations wherever applicable.
- 2A. Type of electrode placement.
2B. Medications used for the modification process.
2C. Techniques of seizure monitoring during ECT.

(5+3+4 = 12 marks)

3. **Write short notes on the following:**

- 3A. Multidisciplinary mental health team members and their functions
3B. Role of a nurse in Mental Status Examination
3C. Therapeutic communication techniques with examples
3D. Types of alcoholism
3E. Clinical features of Delirium
3F. Role of a nurse in psychiatric rehabilitation
3G. Stages of grief as explained by Elizabeth Kübler Ross

(5 marks × 7 = 35 marks)

