

Question Paper

Exam Date & Time: 06-June-2022 (10:15 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JUNE 2022

SUBJECT: BSN 301 – MEDICAL SURGICAL NURSING - II

Marks: 60

Duration: 165 mins.

Answer all the questions.

Draw the diagrams whenever necessary.

1. Mr Y a 23 years old student is admitted with recurrent fever and weight loss (6-7 kg in 3 months). His bone marrow report shows leukemic cells. He is advised for high dose chemotherapy. Answer the following in relation to the above scenario.
 - 1A) Classification of leukaemia. (6)
 - 1B) Expected side effects of chemotherapy in relation to gastrointestinal system. (3)
 - 1C) Education on measures to prevent infection. (3)

2. Answer the following in relation to Guillain Barre Syndrome.
 - 2A) Clinical features. (2)
 - 2B) Pathophysiology. (5)
 - 2C) Nursing interventions. (6)

3. **Write short notes on the following:**
 - 3A) Types of elderly abuse. (5)
 - 3B) Etiopathogenesis of cataract. (5)
 - 3C) Pathophysiology and manifestations of mastoiditis. (5)
 - 3D) Causes of female infertility. (5)
 - 3E) Complications of burns injury. (5)
 - 3F) Principles of critical care nursing. (5)
 - 3G) Clinical manifestations of organophosphorus poisoning. (5)



Question Paper

Exam Date & Time: 08-Jun-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JUNE 2022
SUBJECT: BSN 308 - NURSING RESEARCH AND STATISTICS

Answer ALL the questions.

Write brief, clear, relevant and legible answers.

Marks: 75

Duration: 180 mins.

SECTION A: NURSING RESEARCH (50 MARKS)

1. Explain "research problem" under the following headings:

- 1A) Sources (5)
1B) Criteria for selecting a good research problem. (5)
1C) Steps involved in formulating research problem. (5)

- 2A) Explain the guidelines for developing a questionnaire. (8)
2B) List the advantages and disadvantages of questionnaire method of data collection. (7)

3. Write short note on the following:

- 3A) Purposes of nursing research. (5)
3B) Sources of review of literature. (5)
3C) Systematic random sampling with example. (5)
3D) Methods of writing a scientific article. (5)

SECTION B: STATISTICS (25 MARKS)

- 4) Explain nominal and ordinal variables with example. (4)
5) Draw a pie diagram for the following data depicting leisure time spent by urban school children. (5)

Activity	Percentage of time spent
Reading	11
Listening to music	12
Watching TV	24
Social networking	36
Religious activity	8
Games	9

- 6) Find the mean, quartiles and interquartile range for the following data: (5)

18 16 17 10 19 12 15 19 14 16 13

7) Calculate standard deviation and mean deviation for the following data: (5)

52 50 56 68 62 57 70 72 74

8) Calculate the coefficient of correlation for the following data: (6)

X	20	16	14	17	12	10	9	6	8	5
Y	25	23	15	16	14	11	10	8	6	4

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Question Paper

Exam Date & Time: 10-June-2022 (10:15 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION
THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JUNE 2022
SUBJECT: BSN 303 – CHILD HEALTH NURSING

Marks: 60

Duration: 165 mins.

- 1) Explain the following in relation to a **13 years** old child:
 - 1A) Explain the biological changes that occur in the child. (6)
 - 1B) Describe the cognitive development. (4)
 - 1C) What health education will you give to an adolescent in relation to nutrition. (2)

2. Master B, a six months old infant is admitted to the pediatric ward with the complaints of poor sucking, irritability and excessive cry. During history collection, mother expresses that there is increase in the size of the head. He is diagnosed to have Hydrocephalus. In relation to this, answer the following:
 - 2A) State the causes of hydrocephalus. (3)
 - 2B) List the types of hydrocephalus. (4)
 - 2C) Explain the post operative nursing management of Master B. (6)

3. **Write short notes on:**
 - 3A) Hospital environment for a sick child. (5)
 - 3B) Importance of breast feeding. (5)
 - 3C) Organization of NICU to improve the quality of care. (5)
 - 3D) Neonatal resuscitation. (5)
 - 3E) Classification of ear infection as per the IMNCI guidelines. (5)
 - 3F) Pathophysiology of Nephrotic Syndrome. (5)
 - 3G) Management of child with Anorexia nervosa. (5)

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Question Paper

Exam Date & Time: 13-June-2022 (10:15 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JUNE 2022

SUBJECT: BSN 305 – MENTAL HEALTH NURSING

Marks: 60

Duration: 165 mins.

Answer all the questions.

- 1) Mr X, a 45-years-old male, previously diagnosed to have Bipolar-I disorder got admitted to a psychiatric unit with the history of overdose of Lithium, delusion of grandeur, overfamiliarity, overspending, hyperactivity and impulsivity. He has lack of appetite and loss of body weight. Considering this situation, answer the following:
 - 1A) Symptoms of lithium toxicity. (2)
 - 1B) Role of a nurse in lithium therapy. (5)
 - 1C) Discuss the nursing interventions for reducing hyperactivity and improving nutritional status of Mr. X. (6)

- 2) Answer the following in relation to Behavioural therapy:
 - 2A) Definition (2)
 - 2B) Principles (4)
 - 2C) Process of Systematic Desensitization with relevant example. (6)

- 3) **Write short notes on the following:**
 - 3A) Roles and functions of a Psychiatric nurse. (5)
 - 3B) Mini-Mental Status Examination. (5)
 - 3C) Therapeutic impasses and its management. (5)
 - 3D) Complications of alcoholism. (5)
 - 3E) Nursing interventions for a child with Attention Deficit Hyperactivity Disorder (ADHD). (5)
 - 3F) Levels of prevention in psychiatry. (5)
 - 3G) Rights of the mentally ill clients. (5)

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