Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2019
SUBJECT: NURSING EDUCATION (MSN 601)
Wednesday, July 03, 2019 (10.00 - 13.00 Hrs.)

Answer ALL questions.
Illustrate your answers with diagrams and examples wherever appropriate.

Marks: 75   **Duration: 180 mins.**

1A)	Define behavioural objectives.	(1)
1B)	Describe the characteristics of behavioural objective with relevant examples.	(8)
1C)	Explain the levels of psychomotor domain.	(6)
2A)	Explain the process of curriculum change.	(5)
2B)	Describe the role of significant personnel in curriculum change.	(10)
3)	Prepare a rating scale for evaluating a 2nd year nursing student's performance in intramuscular injection.	(15)

4. Write short notes:

4A)	Programmes under national education policy.	(6)
4B)	Advantages and disadvantages of external examination.	(6)
4C)	ANM curriculum.	(6)
4D)	Bulletin board.	(6)
4E)	Faculty welfare services.	(6)

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Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2019
SUBJECT: CLINICAL SPECIALTY - I: MEDICAL SURGICAL NURSING (MSN 605.1A)
Friday, July 05, 2019 (10.00 - 13.00 Hrs.)

Answer all questions.
Use Illustrations/Diagrams Wherever Appropriate.

Marks: 75   **Duration: 180 mins.**

1. Mr. X, 48 years old businessman, sustained head injury following a Road Traffic Accident, and admitted to the neurosurgical ICU. He was conscious and alert on admission, there was no external injury seen on his head, has bleeding from his right ear, also has weakness on his left side of the body, after eight hours of the admission he became unconscious, pupils are dilated with sluggish response, Answer the following:

1A)	Explain classification of head injury.	(6)
1B)	Discuss the pathophysiological justification for the clinical manifestation of Mr. X.	(7)
1C)	Explain the possible surgical management of Mr. X.	(2)

2. Answer the following in relation to corpulmonale:

2A)	Describe the etiology.	(5)
2B)	Explain the pathophysiology.	(5)
2C)	Discuss the pharmacological management.	(5)

3. Discuss respiratory system assessment under the following headings:

3A)	Significance of thoracic land marks.	(9)
3B)	Pulmonary function test findings in COPD.	(6)

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

4A)	Etiology of pemphigus vulgaris.	(6)
4B)	Diagnostic measures for stomach cancer.	(6)
4C)	Clinical manifestations of lung cancer.	(6)
4D)	Types of alopecia.	(6)
4E)	Drug therapy in hyperthyroidism.	(6)

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Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2019
SUBJECT: CLINICAL SPECIALTY - I: MENTAL HEALTH (PSYCHIATRIC) NURSING (MSN 605.4A)
Friday, July 05, 2019 (10.00 - 13.00 Hrs.)

Answer ALL the questions with relevant illustration.

Marks: 75   **Duration: 180 mins.**

1)	Explain the concepts and techniques of cognitive behavior therapy.	(15)
2A)	Describe issues in Psychiatric nursing.	(5)
2B)	Explain any ten principles of Psychiatric nursing with relevant examples.	(10)
3)	Describe relevance of cognitive development theory to Psychiatric nursing practice with suitable examples.	(15)

4. Write short notes on the following:

4A)	Role of Community mental health nurse in secondary prevention.	(6)
4B)	Yoga as a therapy for mental illness.	(6)
4C)	Types and techniques of Electro Convulsive Therapy.	(6)
4D)	Nursing interventions for improving self- esteem.	(6)
4E)	Extra-pyramidal symptoms and its management.	(6)

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Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2019
SUBJECT: CLINICAL SPECIALTY - I: COMMUNITY HEALTH NURSING (MSN 605.5A)
Friday, July 05, 2019 (10.00 - 13.00 Hrs.)

Answer ALL questions.
Illustrate answers wherever applicable.
Draw diagrams, tables or flow charts wherever applicable.

Marks: 75   Duration: 180 mins.

1)   Explain the methods of conducting census in effective way and how it is being coordinated and the   (15)
        advantages of census?
        (5+5+5 = 15 marks)

2. Describe the following in relation to Family health nursing process:

2A)   Family life cycle stages.   (4)

2B)   Areas of Family coping index.   (11)

3. Five week's old infant was brought to the clinic with the complaints of yellowish discoloration of palms and soles since three days. Clinical examination revealed that child's weight was 3 kg, temperature was 37°C. This is the initial visit for this illness. Infant was diagnosed to have jaundice. Explain the following based on IMNCI guidelines to manage of a sick young infant with jaundice.

3A)   Clinical assessment.   (4)

3B)   Classificatoin.   (6)

3C)   Management.   (5)

4. Write short notes on the following:

4A)   Challenges in community health nursing.   (6)

4B)   Recommendations of Bhore committee.   (6)

4C)   Role of a nurse in disaster management.   (6)

4D)   Sources of health information system.   (6)

4E)   Model of health care delivery system.   (6)

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Question Paper

Exam Date & Time: 08-Jul-2019 (10:00 AM - 01:00 PM)

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2019
SUBJECT: NURSING RESEARCH AND STATISTICS (MSN 604)
Monday, July 08, 2019 (10.00 - 13.00 Hrs.)

Answer all the questions.
Explain with examples whenever necessary.

Marks: 75   **Duration: 180 mins.**

SECTION - A: NURSING RESEARCH

1. Literature says, footbath is effective for early onset of sleep. You would like to study the effectiveness of footbath and early onset of sleep among ovarian cancer patients in the last stage.

1A)	Outline a research design which is appropriate to answer the research topic.	(5)
1B)	Discuss the potential threats to the internal validity in using the chosen design.	(4)
1C)	Discuss the methods used to reduce the bias in this study.	(4)

2. Discuss reliability under the following headings:

2A)	Definition.	(1)
2B)	Any four types.	(12)

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

3A)	Purposes of research.	(6)
3B)	Criteria for evaluating a research problem.	(6)
3C)	Factors influencing sampling process.	(6)
3D)	Purposes and guidelines for the conduct of a research critique.	(6)

SECTION - B: STATISTICS

4) The observations below is the time, in minutes, that it takes to fall asleep for 12 randomly selected (6)
smokers. Calculate mean, median and range.

70   56   22   48   53   48   54   35   60   44   24   14

5. **State true or false:**

5A)	(Standard deviation)$^{1/2}$ = variance.	(1)
5B)	Positively skewed distribution has left tail longer than the right tail.	(1)

6. **Define:**

6A)	Sampling distribution of a statistic.	(2)

6B)	Type I error.	(2)
6C)	Power.	(2)
6D)	Level of significance.	(2)

7) Write the general expression for confidence interval. Explain notations used. (2)

8) List the main factors affecting sample size calculation. Write the expression of sample size for the estimation of proportion. (4)
(2+2 = 4 marks)

9. Select the appropriate choice from the options provided:

9A) 'Number of cases of dog bites by breed of the dog can be represented best by a: (1)
i) Histogram   ii) Line graph   iii) Pie chart   iv) Scatter Plot

9B) Which of the following statements is incorrect? (1)
i)   The bars of histogram touch each other
ii)   Pie chart represents categories by means of sectors
iii)   The bars of bar chart touch each other
iv)   Frequency polygon can be plotted on a histogram

9C) Which of the following is not a scale of measurement? (1)
i) Nominal   ii) Ordinal   iii) Ratio   iv) Discrete

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