MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - SEPTEMBER 2019
SUBJECT: BSN 308 - NURSING RESEARCH AND STATISTICS
Wednesday, September 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)

1)   Explain "non-experimental research design" under the following headings: (15)
            i) Purposes.
            ii) Types with examples.

2. Answer the following in relation to "sampling":

2A)   Factors influencing: (5)

2B)   Non-probability sampling techniques with example.   (10)

3. Write short note on the following:

3A)   Types and characteristics of objectives.   (5)

3B)   Purposes of review of literature.   (5)

3C)   Criteria for communicating the research findings.   (5)

3D)   Observation method of data collection.   (5)

SECTION B: STATISTICS (25 MARKS)

A

4)   Briefly describe the levels of data with examples.   (4)

5)   Following data set shows the blood group of 100 students. Present the data using a bar diagram: (5)

Blood group	Number of students
A	30
B	20
AB	10
O	40
Total	100

6)   Compute the mean deviation and standard deviation for the following data: (5)
            10 8 9 6 10 9 5 7

7A)   The mean and standard deviation of a distribution score is 12 and 4, assuming normality, determine   (2)
            what percentage of scores fall between 4 and 20?

7B)   Write the properties of normal distribution curve. (Any THREE)   (3)

8)   Types of correlation coefficients with diagram.   (6)

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THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2019

SUBJECT: BSN 303 – CHILD HEALTH NURSING (ESSAY)

Friday, September 20, 2019

Time: 10:15 – 13:00 Hrs.   Maximum Marks: 60

✍ **Answer ALL the questions.**

1.   Answer the following in relation to a **4 years** old child:
1A.   Explain the psychosexual development.
1B.   What will you educate the parents to prepare the child for a preschool experience?
1C.   Explain how will you promote optimum health of a child in relation to nutrition and injury
      Prevention.

                                                                (4+2+6 = 12 marks)

2.   An eight years old child was admitted to the Pediatric ward with the complaints of cough
      since three weeks, fever, night sweats and weight loss. The assessment findings of the child
      shows temperature of 100.4°F and weight is 19 kg. He is diagnosed to have Pulmonary
      Tuberculosis. In relation to this, answer the following:

2A.   Describe the types and pathological changes of Pulmonary Tuberculosis.
2B.   Explain the various laboratory investigations the child has to undergo.
2C.   Discuss the nursing management of the child.

                                                                (4+4+5 = 13 marks)

3.   **Write short notes on:**
3A.   Difference between pediatric and adult patient
3B.   Principles of growth and development (any '10')
3C.   APGAR score
3D.   Characteristics of preterm infants
3E.   Components of Integrated Management of Neonatal and Childhood Illnesses (IMNCI)
3F.   Care of a child with plaster cast
3G.   Management of child with Enuresis

                                                                (5 marks × 7 = 35 marks)

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THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2019

SUBJECT: BSN 305 – MENTAL HEALTH NURSING (ESSAY)

Wednesday, September 25, 2019

Time: 10:15 – 13:00 Hrs.   Maximum Marks: 60

✍   **Answer ALL the questions.**

1.   Mrs Y, a 45 years old lady got admitted in mental health unit with the complaints of sad mood, not talking with others, refusal to eat, neglected self-care and suicidal tendency followed by the death of her husband. Considering this situation, answer the following questions.

1A.   Discuss the measures to prevent Mrs Y from self-harming.

1B.   What nursing interventions will you carry out to improve her self-care?

1C.   Explain the nursing interventions to improve her social interaction.

(5+4+4 = 13 marks)

2.   Answer the following in relation to group therapy:

2A.   List the indications

2B.   Explain the Stages

2C.   Discuss the role of a nurse

(2+4+6 = 12 marks)

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

3A.   Standards of Mental Health Nursing Practice.

3B.   Types of Dementia.

3C.   Areas of Psychiatric history collection.

3D.   Complications of alcoholism.

3E.   Types of eating disorder.

3F.   Community mental health agencies.

3G.   The concept of Johari window.

(5 marks × 7 = 35 marks)

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THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2019

SUBJECT: BSN 301 – MEDICAL SURGICAL NURSING – II (ESSAY)

Friday, September 27, 2019

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

✍ **Draw the diagrams whenever necessary.**

1. Mr. X, a 55 years old adult is brought to the hospital with the complaints of severe headache, continuous fever and vomiting. He was diagnosed to have meningitis and admitted in the hospital. Answer the following in relation to the diagnosis and his presenting symptoms.

1A. Etiological factors.

1B. Pathophysiology and classical signs.

1C. Nursing interventions for Mr. X.

(3+5+5 = 13 marks)

2. Mr. Y, a 42 years old businessman is admitted in radiation oncology ward after radical neck dissection for laryngeal cancer. He has tracheostomy and is on nasogastric tube feeding. His Body Mass Index (BMI) is $18.5 kg/m^2$ and complaints of severe fatigue and cough. He is scheduled for chemotherapy (Cisplatin) and external beam radiation therapy. Considering Mr. Y answer the following.

2A. Tracheostomy care.

2B. Teaching plan on nutritional management for Mr. Y.

(7+5 = 12 marks)

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

3A. Factors affecting nutritional status among elderly.

3B. Types of glaucoma.

3C. Etiology and risk factors of hearing loss.

3D. Manifestation of premenstrual syndrome.

3E. Classification of burns based on the depth of injury.

3F. Phases of disaster management.

3G. Nurses role in monitoring critically ill patient.

(5 marks × 7 = 35 marks)

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