

MANIPAL UNIVERSITY**THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 301 – MEDICAL SURGICAL NURSING – II (ESSAY)**

Thursday, June 15, 2017

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions and give illustrations wherever necessary.**

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

- 1A. Types of hearing aids
- 1B. Pathogenesis of different types of Glaucoma
- 1C. Management of premenstrual syndrome
- 1D. Causes of burn injury
- 1E. Phases of disaster management
- 1F. Physical signs of stress in elderly
- 1G. Ethical principles of critical care

(5 marks × 7 = 35 marks)

2. Mr. Y, a 60 years old man was brought to the hospital with features of inability to speak, eating difficulty, visual deficits and inability to move the left side of the body. On physical examination, it was ruled out to be cerebrovascular accident. Answer the following in relation to the scenario.

- 2A. Nursing care for Mr. Y
- 2B. Rehabilitation plan for Mr. Y

(8+5 = 13 marks)

3. Mr. X a 41 years old construction worker is admitted to oncology ward with chronic cough, mild dysphasia, weight loss (4-6 kg 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. Answer the following in relation to the scenario.

- 3A. What are the possible investigations to diagnose cancer for Mr. X?
- 3B. Explain the different surgical interventions that could be performed to Mr. X.

(5+7 = 12 marks)



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THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

SUBJECT: BSN 308 – NURSING RESEARCH AND STATISTICS

Saturday, June 17, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

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

SECTION – A: NURSING RESEARCH (50 MARKS)

1. Explain experimental approach under following headings.
 - 1A. Characteristics
 - 1B. Advantages and disadvantages
 - 1C. Explain types of true experimental designs (any Four)

(3+4+8 = 15 marks)

- 2A. Define Questionnaire.
- 2B. List the advantages and disadvantages of questionnaire.
- 2C. Describe the steps in developing questionnaire

(2+6+7 = 15 marks)

3. **Write short notes on the following:**
 - 3A. Steps of scientific method
 - 3B. Sources of review of literature
 - 3C. Tabulation and Classification of data.
 - 3D. Pilot study

(5 marks × 4 = 20 marks)

SECTION – B: STATISTICS (25 MARKS)

4. Describe nominal and ordinal variables with examples

(4 marks)

5. Construct a frequency polygon for the following data

Systolic blood pressure (mmHg)	90-110	110-130	130-150	150-170	190-210	210-230
Number of people	13	76	27	12	8	5

(5 marks)

6. Find the mean, quartiles and interquartile range for the following data

12	16	17	10	11	12	15	19	13	16	13
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(5 marks)

7. The following data is the weight (Kgs) of 100 students. Estimate its Standard deviation and coefficient of variation.

Weight (kgs)	40 – 50	50 – 60	60 – 70	70 – 80	80 –90
Number of students	10	20	40	20	10

(5 marks)

8. The following scores age and glucose level of the individuals. Determine the coefficient of correlation for the following data.

X (age)	43	21	25	42	57	59
Y (glucose level)	9	65	79	75	87	81

(6 marks)



MANIPAL UNIVERSITY**THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 305 – MENTAL HEALTH NURSING (ESSAY)**

Tuesday, June 20, 2017

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

- ✍ Answer ALL the questions.
- ✍ Read the questions carefully and answer legibly. Use illustrations and examples as applicable.

1A. Explain ANY THREE conceptual models used in psychiatry.

1B. Describe the salient features of ICD-10

(6+6 = 12 marks)

2. Mr. Ramu, 35 year old got admitted to the psychiatric ward with suspicious behavior; he hears voices which are threatening to him and he becomes violent at times and refuses to have food. He is diagnosed as paranoid schizophrenia.

2A. State the types of schizophrenia

2B. Describe the psycho-pathology of schizophrenia

2C. Plan the nursing care plan for Mr. Ramu with three prioritized nursing diagnosis

(3+4+6 = 13 marks)

3. Write short notes on the following:

3A. Objectives and strategies of National Mental Health program

3B. Techniques of crisis intervention

3C. Etiological factors of mental retardation

3D. Psychodrama

3E. Clinical features of Mania

3F. Levels of anxiety

3G. Criteria for dependence syndrome

(5 marks × 7 = 35 marks)



Reg. No.

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THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

SUBJECT: BSN 303 – CHILD HEALTH NURSING (ESSAY)

Friday, June 23, 2017

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL the questions.**

1. Describe the growth and development of an adolescent under the following headings:

1A. Biologic development

1B. Psychosocial and Moral development.

(7+6 = 13 marks)

2. A four year child is admitted with nephrotic syndrome. In relation to this answer the following:

2A. Definition

2B. Clinical features

2C. Medical and Nursing management of the child

(2+4+6 = 12 marks)

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

3A. Phototherapy

3B. Classification of bacterial infection according to IMNCI (infants upto 2 months)

3C. Nursing management of child with Leukemia

3D. Immunization Schedule

3E. Apgar score

3F. Nursing management of the child with Urinary Tract Infections

3G. Scholastic problems in children

(5 marks × 7 = 35 marks)

