

MANIPAL UNIVERSITY
FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012

SUBJECT: MSN 601 – NURSING EDUCATION

Monday, July 02, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

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

- 1A. Explain the relationship between teaching and learning.
1B. Differentiate between outcome based education and competency based education.
(8+7 = 15 marks)
- 2A. Define project method of teaching.
2B. Explain the role of learner in different phases of project method.
2C. Write the advantages and disadvantages of project method.
(2+9+4 = 15 marks)
- 3A. Describe the levels of curriculum.
3B. Discuss the factors influencing curriculum development.
3C. Justify the importance of curriculum evaluation.
(3+2+10 = 15 marks)
- 4. Write Short Notes:**
- 4A. Criterion and norm referenced evaluation
4B. CNE proposal
4C. Dramatics in education
4D. Purposes of student counseling
4E. Development of nursing education in India
(6×5 = 30 marks)



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MANIPAL UNIVERSITY

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012

SUBJECT: MSN 603 – ADVANCED NURSING PRACTICE

Wednesday, July 04, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

- 1A. Define homeostasis.
1B. Explain the pathogenesis of oedema.
1C. Discuss the important types of oedema.
(2+3+10 = 15 marks)
- 2A. Discuss on the typology of 21 nursing problems according to Adbellah's theory.
2B. Explain the major concepts in Abdellah's theory.
(8+7 = 15 marks)
3. Explain the evidence based practice model.
(15 marks)
4. **Write short notes on the following:**
- 4A. Legal considerations in nursing
4B. Directorate General of Health Services (DGHS)
4C. Mitosis
4D. Process of surveillance
4E. Coping mechanism with loss, death and dying
(6×5 = 30 marks)



MANIPAL UNIVERSITY**FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012****SUBJECT: MSN 604 – NURSING RESEARCH AND STATISTICS**

Friday, July 06, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

- ✍ Answer ALL the questions. Explain with examples whenever necessary.
✍ Answer Section 'A' and Section 'B' In Two Separate Answer Books.

SECTION – A : NURSING RESEARCH : 50 MARKS

1. Explain any two qualitative research designs. (6½+6½ = 13 marks)
2. Literature says, hydrotherapy is effective in improving the Range of Motion of Rheumatoid Arthritis clients. You would like to study the effectiveness of hydrotherapy and Range of Motion among Rheumatoid Arthritis clients.
- 2A. Enumerate a true -experimental research design which is appropriate to answer the research topic.
- 2B. Discuss the potential threats to the internal validity in using the design.
- 2C. List down the methods to reduce the bias in this study. (5+4+4 = 13 marks)
3. **Write short notes of the following:**
- 3A. Purposes of doing review of literature in a quantitative study
- 3B. Assumptions- types and uses
- 3C. Purposes of developing a theoretical/conceptual framework in nursing research
- 3D. Plan of data analysis for a qualitative study (6×4 = 24 marks)

SECTION – B : STATISTICS : 25 MARKS

4. **Define:**
- 4A. Type II error
- 4B. Level of significance
- 4C. Nominal variable
- 4D. Alternate hypothesis
- 4E. Class width (1×5 = 5 marks)
5. Following data represents the erythrocyte sedimentation rate of 12 pregnant women.
16, 13, 17, 11, 15, 22, 15, 18, 12, 11, 21, 16
Calculate the most appropriate measures of central tendency and dispersion to represent the data.

(5 marks)

6. Enumerate the characteristics of normal distribution with the help of a neat diagram. (5 marks)
7. Write a short note on paired t test. (5 marks)
8. The following regression equation was obtained from a sample of 300 individuals of 40-50 years old male population.
Systolic blood pressure = $106.84 + 0.44 * \text{Age}$.
- 8A. What is the slope of this regression equation?
- 8B. What is the value of the intercept?
- 8C. What is the interpretation of the regression equation?
- 8D. What is the type of correlation between the two variables?
- 8E. Can the above prediction equation be used to predict the systolic blood pressure of an adult with age 35 years? Justify your answer. (1×5 = 5 marks)



MANIPAL UNIVERSITY**FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012****SUBJECT: CLINICAL SPECIALITY – I: MEDICAL SURGICAL NURSING (MSN 605.1A)**

Monday, July 09, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

☞ Answer ALL the questions.

1. Mrs. Renuka, 36 years old married school teacher, admitted to the neurology ward with the complaints of vomiting, progressive loss of vision, and headache since two months. She is diagnosed to have pituitary macro adenoma, and advised surgery for tumor removal. Answer the following:

- 1A. Describe the most appropriate craniotomy approach for Mrs. Renuka.
- 1B. Justify the reason for the selected craniotomy approach.
- 1C. Outline post-operative nursing management plan for Mrs. Renuka.

(6+3+6 = 15 marks)

2. Describe any three present national health programs related to adult health.

(15 marks)

3. Mrs. Zeenath, 54 years is admitted with breathing difficulty, fever and expectoration of thick sputum. She is diagnosed to have bronchitis. Considering the clinical condition answer the following:

- 3A. Explain the pathophysiology.
- 3B. Write nursing care plan based on two prioritized health problems of Mrs. Zeenath.

(8+7 = 15 marks)

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

- 4A. Etiology of seronegative arthritis
- 4B. Types of pemphigus
- 4C. Risk factors of breast cancer
- 4D. Pathophysiology of DIC
- 4E. Clinical features of Pheochromocytoma

(6×5 = 30 marks)



MANIPAL UNIVERSITY**FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012****SUBJECT: CLINICAL SPECIALITY- I: PSYCHIATRIC (MENTAL HEALTH) NURSING (MSN 605.4A)**

Monday, July 09, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

✍ **Answer all the questions with relevant illustrations.**

- 1A. Explain the types of relationship.
1B. Describe the clinical application of orientation phase of nurse patient relationship.
(5+10 = 15 marks)
- 2A. Describe the issues of Psychiatric Nursing.
2B. Explain any ten principles of Psychiatric Nursing with relevant examples.
(5+10 = 15 marks)
3. Explain the stages of psycho social development and its psychopathological outcome.
(15 marks)
4. **Write short notes on the following:**
- 4A. Components of self esteem
4B. Behavioral components of assertive behavior
4C. Extrapyramidal symptoms
4D. Types and Contraindications of ECT
4E. Components in critical pathways of care
(6×5 = 30 marks)



MANIPAL UNIVERSITY**FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012****SUBJECT: CLINICAL SPECIALITY – I: CHILD HEALTH (PAEDIATRIC) NURSING (MSN 605.3A)**

Monday, July 09, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.**✍ Write the answers clearly and legibly. Use diagrams, illustrations wherever needed.**

1. Answer the following in relation to adolescents

1A. Explain the secondary sexual characteristics

1B. Discuss the psychosocial development

1C. Enumerate health concern

(4+6+5 = 15 marks)

2. Explain the following in relation to HIV infection in infants

2A. Discuss the clinical features

2B. Explain the nurses' responsibility in the care of infant with HIV infection.

(5+10 = 15 marks)

3. Explain the following in relation to a sick child between two months up to 5 years, with pneumonia based on IMNCI guidelines.

3A. Clinical assessment

3B. Classification

3C. Management

(4+4+7 = 15 marks)

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

4A. Rights of children

4B. Stressors of hospitalization in adolescents

4C. Autosomal inheritance patterns

4D. Mid day meal programme

4E. Management of aggressive behavior in children

(6×5 = 30 marks)



MANIPAL UNIVERSITY**FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012****SUBJECT: CLINICAL SPECIALITY – I: CHILD HEALTH (PAEDIATRIC) NURSING (MSN 605.3A)**

Monday, July 09, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.**✍ Write the answers clearly and legibly. Use diagrams, illustrations wherever needed.**

1. Answer the following in relation to adolescents

1A. Explain the secondary sexual characteristics

1B. Discuss the psychosocial development

1C. Enumerate health concern

(4+6+5 = 15 marks)

2. Explain the following in relation to HIV infection in infants

2A. Discuss the clinical features

2B. Explain the nurses' responsibility in the care of infant with HIV infection.

(5+10 = 15 marks)

3. Explain the following in relation to a sick child between two months up to 5 years, with pneumonia based on IMNCI guidelines.

3A. Clinical assessment

3B. Classification

3C. Management

(4+4+7 = 15 marks)

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

4A. Rights of children

4B. Stressors of hospitalization in adolescents

4C. Autosomal inheritance patterns

4D. Mid day meal programme

4E. Management of aggressive behavior in children

(6×5 = 30 marks)



MANIPAL UNIVERSITY

FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012

SUBJECT: CLINICAL SPECIALITY- I: OBSTETRIC & GYNAECOLOGICAL NURSING (MSN 605.2A)

Monday, July 09, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

1. Mrs. Veena, 30 yrs old primigravida at 20 weeks of gestation, came to a rural centre with the complaints of bleeding per vaginam. She is diagnosed to have a high risk pregnancy. Answer the following in relation to high risk pregnancy:

1A. Definition

1B. Role of a nurse in identification of high risk pregnancy and referral

1C. Screening and management for Mrs. Veena with complaints of bleeding per vaginam

(1+8+6 = 15 marks)

2. Discuss water birth under the following headings:

2A. Benefits

2B. Possible hazards

2C. Preparation of a laboring woman

(6+4+5 = 15 marks)

3. Discuss the following in relation to a normal newborn

3A. APGAR scoring

3B. Components of essential newborn care

3C. Nursing care

(5+6+4=15 marks)

4. Write short notes on the following:

4A. Preventive obstetrics

4B. Physiology of menstrual cycle

4C. Life-saving drugs used during obstetrical emergencies

4D. Management of pelvic inflammatory diseases

4E. Family life education

(6×5 = 30 marks)



MANIPAL UNIVERSITY**FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2012****SUBJECT: CLINICAL SPECIALITY – I: COMMUNITY HEALTH NURSING (MSN 605.5A)**

Monday, July 09, 2012

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

1. Explain about community health nursing under the following headings:

1A. Philosophy

1B. Principles

(5+10 = 15 marks)

2. Explain the following in relation to the Intra Uterine Devices (IUD's):

2A. Types

2B. Timing of insertion

2C. Contraindication

(8+3+4 = 15 marks)

3. Discuss disaster preparedness for the following:

3A. Floods

3B. Earthquakes

3C. Clouds of toxic fumes

(5+5+5 = 15 marks)

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

4A. Community diagnosis

4B. Census

4C. Communication skills

4D. Telemedicine

4E. Effects of yoga and meditation

(6×5 = 30 marks)

