

## MANIPAL UNIVERSITY

## FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013

## SUBJECT: MSN 601 – NURSING EDUCATION

Monday, July 01, 2013

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

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

- 1A. Define learning.
- 1B. Enumerate the principles of learning.
- 1C. Explain the process of learning with relevant clinical examples from nursing.
- (1+3+11 = 15 marks)

- 2A. Classify Multiple choice questions.
- 2B. Describe the factors to be kept in mind while constructing supply type of items.
- 2C. List the advantages and limitations of Objective type questions.
- (3+8+4 = 15 marks)

- 3A. List the principles of organizing learning experience.
- 3B. Draw a sample master plan for third year B Sc nursing students.
- (5+10 = 15 marks)

**4. Write Short Notes:**

- 4A. Scope of nurse practitioner programme.
- 4B. Research in continuing nursing education.
- 4C. Competencies of teacher.
- 4D. Organization of guidance and counseling services.
- 4E. Types of OHP transparencies and their uses.
- (6×5 = 30 marks)



## MANIPAL UNIVERSITY

## FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013

## SUBJECT: MSN 603 – ADVANCED NURSING PRACTICE

Wednesday, July 03, 2013

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

- 1A. State the meaning of neoplasia.
- 1B. Enumerate the difference between benign and malignant tumours.
- 1C. Explain the aetiology and pathogenesis of cancer.

(2+3+10 = 15 marks)

- 2A. Discuss the major concepts in King's theory.
- 2B. Explain the major assumptions according to King's theory.

(7+8 = 15 marks)

- 3A. Explain principles of impact mitigation in disaster management.
- 3B. Describe the phases of disaster relief.
- 3C. Explain the principles of triage.

(4+6+5 = 15 marks)

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

- 4A. Criteria of the profession.
- 4B. Directorate General of Health Services (DGHS).
- 4C. Natural history of disease.
- 4D. What is genetic counselling? With the help of a suitable example, explain this phenomenon.
- 4E. Role of Computers in Nursing and Medical Domain.

(6×5 = 30 marks)





**MANIPAL UNIVERSITY****FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013****SUBJECT: MSN 604 – NURSING RESEARCH AND STATISTICS**

Friday, July 05, 2013

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. Alzheimer's disease is one of the debilitating disorders of the elderly population. Since it is a non-curable disease, as the disease advances the care giver's burden also increase. You would like to study the lived experiences of care givers of Alzheimer's disease clients attending an Alzheimer's clinic on care giver's burden.
- 1A. Outline a research design which is most appropriate to answer the research topic.
- 1B. Discuss the merits and demerits of using the chosen design.
- (6+7 = 13 marks)
2. Discuss any two data collection tools used in qualitative research designs.
- (6½+6½ = 13 marks)
3. **Write short notes of the following:**
- 3A. Problems in nursing research
- 3B. Sources of research problems
- 3C. Uses of theoretical frameworks in nursing research
- 3D. Methods of writing research report
- (6×4 = 24 marks)

**SECTION – B : STATISTICS : 25 MARKS**

4. Cholesterol Level (mg/dl) of ten adult males is as follows. Compute mean, standard deviation and coefficient of variation for the data.
- 178, 196, 176, 221, 227, 228, 158, 175, 130, 201
- (1+3+1 = 5 marks)
5. A study on the fasting blood glucose levels of patients gave a mean of 140 gm/dl and a standard deviation of 10 gm/dl. Assuming normal distribution, what proportion of individual will have a fasting blood glucose level,
- i) Between 140 and 160 mg/dl      ii) Less than 150 mg/dl
- (5 marks)

6. Explain the interpretation of scatter diagram with sketch. Give one example each for positive and negative correlation.

(5 marks)

7. Give one example each for the application of paired and two independent samples t-test. What are the assumptions underlying the use of these tests.

(5 marks)

8. A double blind preventive trial was conducted in 103 school-age children to find out the use of vitamin C for the prevention common cold. The result is summarised as below:

	Caught cold	Did not catch cold	
Vitamin C	36	21	57
Placebo	35	11	46

Test the difference in proportions for significance with a chi-square test and interpret the result. (Let  $\alpha=0.05$ , Chi square for 1 degree of freedom=3.84)

(5 marks)





**MANIPAL UNIVERSITY****FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013****SUBJECT: CLINICAL SPECIALITY – I: MEDICAL SURGICAL NURSING (MSN 605.1A)**

Monday, July 08, 2013

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

1. Discuss the current status of non - communicable disease burden in India.  
(15 marks)
2. You are a nurse manager in the neurology ICU. Outline central nervous system assessment proforma to guide the nursing students in their clinical practice.  
(15 marks)
3. Mrs. Y 55 years is admitted to the coronary care unit with orthopnea, pedal edema, nausea, vomiting, ascites, fatigue and jugular vein distension. She is diagnosed to have dilated cardiomyopathy.
  - 3A. Explain the classification of cardiomyopathy.
  - 3B. Discuss the management of dilated cardiomyopathy.
  - 3C. Outline the discharge plan for Mrs. Y with emphasis on fluid management.  
(4+6+5 = 15 marks)
4. **Write short notes on the following:**
  - 4A. Management of femur fracture.
  - 4B. Clinical features of pelvic uretero junction obstruction.
  - 4C. Primary survey of trauma patient.
  - 4D. Types of pemphigus.
  - 4E. Myths and realities of aging.  
(6×5 = 30 marks)



**MANIPAL UNIVERSITY****FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013****SUBJECT: CLINICAL SPECIALITY- I: PSYCHIATRIC (MENTAL HEALTH) NURSING (MSN 605.4A)**

Monday, July 08, 2013

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

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

1A. Discuss the need for classification systems in Psychiatry.

1B. Compare the salient features of ICD-10 and DSM.

(5+10 = 15 marks)

2A. Explain milieu therapy.

2B. Discuss the role of nurse in milieu therapy.

(10+5 = 15 marks)

3. Critically analyze Johari window as a technique for enhancing self awareness.

(15 marks)

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

4A. Basic assertive human rights

4B. Lithium toxicity and its management

4C. Implications of psycho immunology in psychiatric illness

4D. Components of the personal history in psychiatric assessment

4E. Factors influencing self concept

(6×5 = 30 marks)





## MANIPAL UNIVERSITY

## FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013

SUBJECT: CLINICAL SPECIALITY – I: CHILD HEALTH (PAEDIATRIC) NURSING (MSN 605.3A)

Monday, July 08, 2013

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. Explain the growth and development of children under the following headings:

- 1A. Principles of growth and development [any eight].
- 1B. Erickson theory of psychosocial development.

(10+5 = 15 marks)

2. Explain newborn under the following headings:

- 2A. Characteristics of a term neonate.
- 2B. Essential newborn care.

(7+8 = 15 marks)

3. A 6 week's old infant was brought to the clinic with the complaints of diarrhea for the last 3 days. Infant was taking breast feed about 5 times in 24 hours and was taking other foods and drinks. On examination her weight was 2.75 kg. Her temperature was 37°C. This is the initial visit for this illness. Explain the following in relation to management of a sick young infant with malnutrition based on IMNCI guidelines.

- 3A. Clinical assessment.
- 3B. Classification.
- 3C. Management

(4+6+5 = 15 marks)

4. Write short notes on the following:

- 4A. National health policy for children.
- 4B. Stressors and reactions of children related to developmental stages.
- 4C. Prenatal factors influencing growth and development of fetus.
- 4D. National organizations related to child health.
- 4E. Management of a child with behavioral disorders.

(6×5 = 30 marks)



**MANIPAL UNIVERSITY****FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013****SUBJECT: CLINICAL SPECIALITY- I: OBSTETRIC & GYNAECOLOGICAL NURSING (MSN 605.2A)**

Monday, July 08, 2013

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

**Answer all questions.**

1. Explain the physiological and the psychosocial adaptation of a pregnant woman with reference to different trimesters.

(15 marks)

2. Mrs. X, G<sub>1</sub>P<sub>0</sub>L<sub>0</sub> is admitted to the labour room with labour pain. Per Vaginal examination reveals that cervix is 7 cms dilated. On examination, she is having moderate uterine contractions. Her Partograph monitoring shows that she is progressing at a steady rate of 1cm of cervical dilatation/hr.

2A. Identify the stage of labour of Mrs. X.

2B. Enumerate the uses of Partograph monitoring for Mrs. X.

2C. Discuss the Labour room management for Mrs. X.

(1+5+9 = 15 marks)

3A. Classify the puerperal period.

3B. Enumerate types of Lochia.

3C. Describe the minor discomforts during puerperium.

3D. Explain the nursing care for minor discomforts during puerperium.

(2+3+4+6 = 15 marks)

**4. Write short notes on:**

4A. Uterine malformations.

4B. Information Education Communication (IEC) and its role in family welfare services.

4C. Types of induction and role of prostaglandins in induction.

4D. Embryology of placental development.

4E. Code of ethics in midwifery practice.

(6×5 = 30 marks)





# MANIPAL UNIVERSITY

## FIRST YEAR M.Sc. NURSING DEGREE EXAMINATION – JULY 2013

SUBJECT: CLINICAL SPECIALITY – I: COMMUNITY HEALTH NURSING (MSN 605.5A)

Monday, July 08, 2013

Time: 10:00 – 13:00 Hrs.

Max. Marks: 75

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

1. Answer the following in relation to the given scenario:

Mr. A, 54 years old, the head of the family, is alcohol dependent and looks into agriculture currently. Mr. A is a graduate and had worked abroad in military services for 20 years. The current family income is ₹ 10,000/month and 50% of which is spent on alcohol by Mr. A. He lives with his spouse and two adolescents boys who are pursuing their engineering programme. “Authoritative, gives no respect to us. Always quarrels at home” say the wife and children. Family with the help of relatives admitted Mr. A, four times, to a de-addiction centre. Mr. A. still continues drinking alcohol as usual (700 ml per day) and blames the President of Alcohol Anonymous group, who tries to help him.

- 1A. State **one** prioritized family nursing diagnosis.
- 1B. Specify the outcome criteria for the listed nursing diagnosis.
- 1C. List nursing actions at individual, family and community level for the listed nursing diagnosis.

(3+3+(3+3+3) = 15 marks)

2. What are the stages of demographic transition and explain socio-demographic goals of National Population Policy 2000.

(8+7 = 15 marks)

3. A 6 week's old infant was brought to the clinic with the complaints of diarrhoea for the last 3 days. Infant was taking breast feed about 5 times in 24 hours. On examination her weight was 3 kg. Her temperature was 37°C. This is the initial visit for this illness. Explain the following in relation to management of a sick young infant with malnutrition based on IMNCI guidelines.

- 3A. Clinical assessment.
- 3B. Classification.
- 3C. Management.

(4+6+5 = 15 marks)

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

- 4A. Care during post-partum visits.
- 4B. Millennium Developmental Goals.
- 4C. Techniques of Health Economic Evaluation.
- 4D. Source of health information.
- 4E. Inter-sectoral coordination.

(6×5 = 30 marks)

