Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

NURSING EDUCATION

(RS–3 & RS4)

Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Explain the philosophies of Education. (3+12)
   b) Discuss the impact of social, economical, political and technological changes on education.
2. Describe the Standardized and Non-Standardized tests.
3. a) Explain the Principles of Curriculum. (5+10)
   b) Enumerate the role of a teacher in curriculum development.
4. Explain the principles, types, tools and techniques of Evaluation.

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Computer Assisted Instruction and Computer Assisted Learning
6. Projecting Aids
7. Patterns of nursing education in India
8. Performance Appraisal

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

ADVANCE NURSING PRACTICE

(RS 3 and RS 4)

Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Explain the types and construction of theory.
   b) Elaborate any one theory most appropriate for rehabilitation services. (9+6)
2. Explore the issues on independent practice in nursing.
3. Discuss the role of a nurse in infection control process in the hospital.
4. Describe the models of health promotion. Enumerate the role of nurse in extended care facility. (9+6)

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Telemedicine
6. Prenatal screening and counseling
7. Uses of epidemiology
8. Ethical issues in genetic testing

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

NURSING RESEARCH

(Revised Scheme 3)

Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634.

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a) Define qualitative research.
   b) Describe in brief about different qualitative research designs. (3+12)
2. Write the importance, purpose and sources of review of literature.

SHORT NOTES (Answer any ONE) 1 X 10 = 10 Marks

3. Threats to external validity
4. Observation as a method of collecting data

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Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours] [Max. Marks: 40]

Statistics (RS3 & RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a) When do we use t-test in research? (5+10 = 15 Marks)
   b) Calculate t-value for the following group and find out its significance.

Group	n	Mean	SD
Boys	100	25	1.8
Girls	100	38	2.0

(t = 2.61 at 0.01 level)

2. Explain the measures of central tendency in detail with examples.

SHORT NOTES (Answer any ONE) 1 X 10 = 10 Marks

3. Randomized block design

4. Mann Whitney's "U" test

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Define Chronic Obstructive Pulmonary Disease (COPD). (2+6+7)
   b) Explain the pathophysiology of COPD.
   c) Write a detailed nursing care plan for a patient with COPD.
2. a) List the causes of Acute Renal Failure (ARF). (2+6+7)
   b) Discuss the clinical features of ARF in relation to pathophysiological aspects.
   c) Discuss the nursing management of a patient undergoing haemodialysis.
3. a) List-down the risk factors of Myocardial Infarction. (2+6+7)
   b) Describe the pathophysiology and clinical manifestation of Myocardial Infarction.
   c) Write a nursing care plan for the first 24 hours after Myocardial Infarction.
4. a) List the causes and types of fracture. (7+8)
   b) Discuss the management of a patient with tibial fracture.

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Migraine
6. Cushing syndrome
7. Dermatitis
8. Legal and ethical issues in Medical Surgical Nursing

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

COMMUNITY HEALTH NURSING - I

(RS3 & RS4)

Q.P. CODE: 9636

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Explain the maternal health care services available in India. (7+8)
   b) Describe the role of a community health nurse in reduction of maternal mortality rate.
2. a) Explain the disaster cycle in detail. (7+8)
   b) What are the aspects of disaster management?
3. a) Explain about the health care delivery system at central level. (7+8)
   b) Describe the responsibilities of District Public Health Nurse.
4. Explain about the effects of Urbanization on ecosystem.

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Explain the components of National Rural Health Mission.
6. Describe the uses of Tele-medicine in community health.
7. Explain the analytical method of epidemiology.
8. Describe Community diagnosis in detail.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

CHILD HEALTH (PAEDIATRIC) NURSING

Q.P. CODE: 9637

(RS 3 & RS4)

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Describe the effects of hospitalization on children.
   b) Briefly explain preparation of preschool children for hospitalization.
   c) Explain nursing care of hospitalized children. (5+3+7)
2. Describe the national programmes related to child health.
3. a) Explain physical, psychosocial and psychosexual development of a toddler.
   b) Discuss behavioral characteristics of a toddler. (10+5)
4. a) Differentiate the characteristics of normal newborn and preterm baby.
   b) Explain nursing management of high-risk newborn. (7+8)

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Management of child with foreign body aspiration
6. Pediatric nursing audit
7. National health policy for children
8. Role of a pediatric nurse in prenatal care

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Rajiv Gandhi University of Health Sciences

First year M. Sc. (Nursing) Degree Examination – APRIL 2017

Time: Three Hours | Max. Marks: 80 Marks

Obstetrics & Gynecological Nursing

Q.P. CODE: 9638

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (ANSWER ALL THE QUESTIONS) 4 x 15 = 60 Marks

1. Explain the theories and models applied to midwifery nursing. (15 marks)
2. Magnitude of maternal and child health problems (15 marks)
3. a) What are the factors influencing labor?
   b) Describe alternative- complementary therapies used in management of normal labour. (5+10 = 15 marks)
4. a) Explain the physiology of puerperium.
   b) Describe midwifes role in assessment of postnatal women. (8+7 = 15 marks)

SHORT ESSAYS (Answer any two) 2 x 10 = 20 Marks

5. Explain about prenatal counseling and childbirth preparation.
6. Explain about Baby Friendly Hospital Initiative (BFHI).
7. Explain the maternal fetal ill effects on drugs consumed in pregnancy.
8. Describe the causes and preventive measures to reduce neonatal mortality.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours] [Max. Marks: 80]

Mental Health (Psychiatric) Nursing

(RS3 & RS4)

Q.P. CODE: 9639

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. Discuss the role of Psychoanalytic theory in relevance to psychiatry.
2. Describe stress management.
3. Explain the Mental Health Problems related to Conception, Pregnancy and Puerperium with management and the role of nurse.
4. a) Define Assertive Communication.
   b) Explain the Behavioural components and techniques of Assertive Communication.
   c) Discuss the role of nurse in Assertive training. (2+6+7)

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Evolution of Psychiatric Mental Health Nursing
6. Write the role of nurse in promoting self-esteem.
7. Behaviour therapy
8. Discuss diet and nutrition as an alternative system of medicine.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

BIOSTATISTICS, RESEARCH METHODOLOGY & NURSING RESEARCH

(Revised Scheme 2)

Q.P. CODE: 9606 & 9607

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Use separate answer books for section A and section B

Section A and Section B should be completed within total duration of three hours.

Q.P. CODE: 9606 - Section A

Biostatistics [40 marks]

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. Calculate the Standard Deviation (9 marks) and Quartile Deviation (6 marks) of Intelligence Quotient (IQ) of 50 boys in the given table.

IQ	No. of Boys
0-20	3
20-40	4
40-60	3
60-80	4
80-100	13
100-120	12
120-140	8
140-160	3

2. Describe Nonparametric Tests.

SHORT NOTES (Answer any ONE) 1 X 10 = 10 Marks

3. Scatter diagram method

4. Simple linear regression

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

BIOSTATISTICS, RESEARCH METHODOLOGY & NURSING RESEARCH

(Revised Scheme 2)

Q.P. CODE: 9606 & 9607

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Use separate answer books for section A and section B

Section A and Section B should be completed within total duration of three hours.

Q.P. CODE: 9607 - Section B

RESEARCH METHODOLOGY & NURSING RESEARCH [40 marks]

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. Describe the steps in the research process.
2. How will you establish validity and reliability of the tool?

SHORT NOTES (Answer any ONE) 1 X 10 = 10 Marks

3. Non probability sampling technique
4. Ethics in research

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – OCT - 2017

[Time: 3 Hours] [Max. Marks: 80]

NURSING EDUCATION
(RS–3 & RS4)
Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) 'Audio Visual Aids are an antidote to the disease of verbal instruction' list the important values of Proper Use of Instructional Aids.
   b) Discuss the role of teacher in procuring and managing any 2 Projected Audio Visual Aids. (5+10)
2. a) Describe the Use of Objective Structured Clinical Examination in Clinical evaluation of Nursing Students.
   b) Discuss the advantages and disadvantages of Internal Assessment. (10+5)
3. a) List the Principles of Adult learning.
   b) Explain Course Planning and discuss the role of a teacher in planning for a course. (5+10)
4. a) Describe the role of curriculum coordinator in planning implementation and evaluation of curriculum.
   b) Discuss the role of Indian Nursing Council in accreditation of Nursing education programs. (10+5)

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Discuss any two Traditional philosophies of education and their educational implications.
6. Describe the role of Principles in recruitment, selection and orientation of Teaching faculty in a college of nursing.
7. Explain the techniques of counseling.
8. List the role and responsibilities of a teacher and discuss the preparation of a professional teacher.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – OCT-2017

[Time: 3 Hours] [Max. Marks: 80]

ADVANCE NURSING PRACTICE

(RS 3 and RS 4)

Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Explain the essentials of communication.
   b) Discuss the importance of communication in nursing. (9+6)
2. Discuss the various patterns of nursing care delivery in India.
3. Explain the role of adaptation theories in nursing with emphasis on Roy's adaptation model. Give suitable examples.
4. Discuss the role of regulatory bodies in nursing profession.

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Nursing care standards
6. Care of unconscious patient
7. Quality assurance in nursing
8. Role of a nurse in grieving process

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT-2017

[Time: 3 Hours] [Max. Marks: 80]

NURSING RESEARCH

(Revised Scheme 3)

Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634.

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a) Explain the types of quantitative research design.
   b) Describe in detail about Experimental design. (5+10=15)
2. a) Explain the procedure for data collection.
   b) Discuss various tools and techniques used for data collection. (5+10=15)

SHORT NOTES (Answer any ONE) 1 X 10 = 10 Marks

3. Sources of review of literature
4. Writing research report

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT-2017

[Time: 3 Hours] [Max. Marks: 40]

Note – Three hours given to complete Q P 9633 & 9634

Statistics (RS3 & RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a) Following is the data on heart rate of ten patients
   84, 90, 78, 88, 76, 96, 74, 88, 100 and 72.
   Calculate Mean, Median, Mode and Standard Deviation

   b) Compute coefficient of variation for the following data on height (cms) and weight (kgs) of 100 persons

	Mean	SD
Height (Cms)	168.73	21.46
Weight (Kgs)	87.06	17.32

   Comment on your result (7+8 = 15 marks)

2. a) State the underlying assumptions of one-way ANOVA

   b) The following is the data obtained by a researcher to compare the effectiveness of three different teaching methods namely - Video assisted teaching (VAT), Structured teaching programme (STP) and Self instructional manual (SIM) in assessing the knowledge of primi antenatal mothers on breast feeding practices. The knowledge score obtained are as follows :

   VAT : 12, 15, 13, 17, 10, 11
   STP : 9, 8, 10, 11, 12, 14
   SIM : 7, 8, 5, 6, 5, 6, 8, 7

   By stating suitable hypothesis, test whether there is any significant difference between the three group means using one-way ANOVA (critical value is 3.59) (5+10 = 15 marks)

SHORT NOTES (Answer any ONE) 1 X 10 = 10 Marks

3. List the applications of computer in nursing reserach

4. Distinguish between
   a) Probability and Non-Probability sampling techniques
   b) Parametric and Non-parametric tests
   c) Correlation and regression

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. Discuss the pathophysiology of burns. Explain the nursing management of a client in acute phase of burn injury of 55% for first 48 hours. (7+8)
2. Explain the etiology, pathophysiology and clinical manifestations of rheumatoid arthritis. Describe the nursing care for a patient undergoing total hip replacement. (7+8)
3. Discuss the pathophysiology and complications of hypertension. Write down the patient and family teaching guide for hypertension. (7+8)
4. What are the types and causes of respiratory failure. Explain the nurses role in the care of patient with various oxygen delivery devices

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Inter disciplinary team
6. Health assessment of the elderly
7. Gastro-intestinal assessment
8. Rehabilitation of client following cardiac surgery

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

COMMUNITY HEALTH NURSING - I

(RS3 & RS4)

Q.P. CODE: 9636

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Explain two theories related to community health nursing. (7+8)
   b) Describe about the principles of community health nursing.
2. a) What are the methods of waste disposal? (7+8)
   b) Explain in detail about the principles of ECO system.
3. a) Explain the planning process. (7+8)
   b) Describe any two national policies of India.
4. a) Explain the temporary methods of Family planning. (7+8)
   b) Explain the role of nurse in population control.

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Explain the health organization at the District level.
6. List the emerging and re-emerging diseases and role of a nurse in preventing them.
7. Enumerate the responsibilities of community health nurse practitioners.
8. Explain importance of Skilled Birth Attendant in family welfare services.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

CHILD HEALTH (PAEDIATRIC) NURSING

Q.P. CODE: 9637

(RS 3 & RS4)

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a. Discuss the trends in paediatric nursing
   b. Explain the role of the paediatric nurse in preventive paediatrics (10+5marks)
2. a. Describe the growth and development of adolescent
   b. Explain the nurse's role in health promotion of the adolescent (10+5 marks)
3. Describe the clinical assessment and the home care of a sick young infant with diarrhea based on integrated management of neonatal and childhood illness (IMNCI) guidelines
4. a. Define high risk newborn.
   b. Differentiate term and preterm baby
   c. Explain the nursing management of high-risk newborn. (2+6+7 marks)

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Effects of hospitalization on child and family
6. Family assessment
7. Genetic counseling
8. Child guidance clinic

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

OBSTETRICS & GYNAECOLOGICAL NURSING

(Revised Scheme 3)

Q.P. CODE: 9638

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. Explain the roles and responsibilities of an Independent Nurse Midwifery Practitioner in terms of Maternal Child Health care.
2. a) What are the aims and objectives of genetic counselling? (5+10 = 15)
   b) Explain the process of genetic counseling and its clinical implication.
3. a) Define puerperium. (2+7+6 = 15)
   b) Explain physiology of puerperium.
   c) Discuss about the management of mothers during puerperium..
4. a) Explain the physiology of third stage of labour. (8+7)
   b) Describe the active management of third stage of labour.

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Assisted reproductive technology
6. Hormone replacement therapy (HRT)
7. Essential newborn care
8. Minor disorders of pregnancy

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT 2017

[Time: 3 Hours] [Max. Marks: 80]

Mental Health (Psychiatric) Nursing

(RS3 & RS4)

Q.P. CODE: 9639

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. Explain the standards of psychiatric nursing.
2. a) Briefly describe the psychosocial theory of development. (8+7)
   b) Compare and contrast the psychoanalytical and psycho social theory of personality development.
3. Explain the stages of the therapeutic nurse patient relationship.
4. Explain Documentation in terms of:
   a) Characteristics of good documentation (5+10)
   b) Methods of documentation

SHORT NOTES (Answer any TWO) 2 X 10 = 20 Marks

5. Mr. A is prescribed Haloperidol which should be administered once a day in the morning. List indications of Haloperidol and explain side effects and role of nurse in administering the drug Haloperidol.
6. Explain techniques of behavioural therapy.
7. a) Define family therapy. (2+3+5)
   b) Indications of family therapy
   c) Discuss the approaches to family therapy.
8. a) Define assertive behavior. (2+8)
   b) Describe the techniques promoting assertive behavior.

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