Rajiv Gandhi University of Health Sciences

First Year M.Sc (Nursing) Degree Examination-April/May 2016 [Time: 3 Hours] [Max.Marks: 80]

NURSING EDUCATION

(RS3 &RS4)

Q.P.CODE: 9631

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary. Answer all questions

ANSWER THE FOLLOWING **4X15=60 Marks**

1. a) Define Education b) Discuss briefly aims of education
   c) Describe the determinants of Philosophy of Nursing Education (2+5+8=15)
2. a) Enumerate various methods of Teaching
   b) Explain in detail about Problem-Based-Learning (5+10=15)

3. a) what are the key concepts in the selection and use of media in education
   b) Explain selection, preparation and use of Projected Aids (7+8=15)
4. a) Define Evaluation
   b) Explain concepts of Measurement and Evaluation
   c) Explain Methods used in Measurement of Cognitive domain (2+5+8=15)

SHORT NOTES (Answer Any TWO) **2x10=20 Marks**

5. Steps in Curriculum Construction
6. Patterns of Nursing Education and Training in India
7. Techniques of Counseling
8. Role of Professional Associations and Accreditation in Nursing Education Programs

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – April/May 2016

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

ADVANCENURSINGPRACTICE

(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) Enumerate the role of regulatory bodies in nursing. (7+8)
   b) Describe the quality assurance in nursing
2. a) Explain the nursing assessment for unconscious patient. (7+8)
   b) Write the nursing process for unconscious patient.
3. Explain Health Belief models.
4. Discuss the Gender sensitive issues and women empowerment in India.

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

5. Autonomy and Accountability
6. Enumerate the Common genetic disorders.
7. Describe the principles and techniques of counselling.
8. Explain about Primary health care.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL/MAY 2016

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

NURSINGRESEARCH

(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)
Useseparateanswerbooksfor9633and9634.

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a) What are the purposes of review of literature?
   b) Explain the sources of review of literature with examples. (7+8)
2. a) Define hypothesis.
   b) Explain the types of hypotheses and give examples wherever necessary. (3+12)

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

3. Validity and reliability of a tool
4. Utilization of nursing research

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Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination - APRIL/MAY 2016

[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)
Useseparateanswerbooksfor9633and9634

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. Define statistics. Briefly explain the concepts and scope of statistics.

2. On studying the hemoglobin levels of 50 mothers and their new borns, the following results were obtained. Test whether presence of anemia in the mother is associated with anemia in the newborn using Chi-square test. (Table value at 1 d.f = 3.84)

		New born		
Mother		Anemic	Non-anemic	Total
	Anemic	22	15	37
	Non-anemic	5	8	13
Total		27	23	50

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

3. Define mean, median and mode. Mention their merits and demerits.

4. Define standard deviation. Calculate standard deviation and coefficient of variation for the following data regards age (yrs) of the patients.
Age (yrs): 35, 46, 76, 45, 54, 53

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2016

[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. Mr. Raju, 43 years old is suffering from peptic ulcer. (4+4+7)
   a) Differentiate between peptic ulcer and duodenal ulcer.
   b) Illustrate the pathophysiological changes that occur in peptic ulcer.
   c) Discuss the post-operative nursing care of Mr. Raju, who has undergone gastro-Jejunostomy using nursing process approach.
2. Mrs. Renu, 40 years old is admitted to the ward with adenocarcinoma of right breast. (4+5+6)
   a) List the clinical manifestations and diagnostic measures to identify the carcinoma of breast.
   b) Discuss the treatment options and reconstructive surgical approaches available for Mrs. Renu.
   c) Plan a teaching on post mastectomy exercises.
3. Mr. Rao, 39 years old is admitted to the ward for thyroidectomy. (2+4+9)
   a) What are the indications for thyroidectomy?
   b) Enumerate the complications of thyroidectomy.
   c) Prepare a nursing care plan for immediate post-operative care of patient.
4. Mr. Babu, 40 years is admitted with a Diabetic gangrene of the left foot, posted for amputation.
   a) List the indications for amputation. (2+4+6+3)
   b) Explain how do you prepare psychologically Mr. Babu and his family for the surgery.
   c) Identify the five important post-operative nursing diagnosis and plan appropriate nursing interventions according to priority.
   d) Plan rehabilitation programme.

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

5. Care of patient on skeletal traction
6. Rehabilitation of patient with colostomy
7. Nursing care of patient on blood transfusion
8. Cardiac rehabilitation

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2016

[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. Explain the health related Millennium developmental goals of India.

2. a) What are the principles of the ecosystem? (5+10)
   b) Explain the impact of changing ecosystem on health and illness.

3. a) List the Nutritional problems in India. (5+10)
   b) Explain the role of a community health nurse in nutrition assessment.

4. Describe the importance of Inter-sectoral co-ordination in meeting the health needs of the community.

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

5. Evolution and Concepts of the National Family Welfare Program

6. Triage of sick neonates in India

7. Measurement of mortality and morbidity

8. Explain the personal protection measures to be taken during common disasters.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2016

[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 national health programs related to child health.
   b. Explain the special laws and ordinances related to the care of children (8+7 marks)
2. a. Describe the physical and psychosocial development of toddler.
   b. Describe the management of behavioral problems of the toddler (8+7 marks)
3. a. List the characteristics of X- linked inheritance patterns of gene disorders.
   b. Explain the role of paediatric nurse in prenatal care (10+5 marks)
4. a. Describe the role of a paediatric nurse in preventive paediatrics
   b. List the principles of Baby Friendly Hospital Initiative (10+5 marks)

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

5. Identification and management of newborn with congenital syphilis
6. Play activities for a hospitalized child
7. Developmental assessment.
8. Failure to thrive

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Rajiv Gandhi University of Health Sciences, Karnataka

First year M. Sc. (Nursing) Degree Examination – May 2016

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 epidemiological aspects of Maternal and Child Health. (15 marks)
2. Describe the role of midwife in reproductive endocrinology. (15 marks)
3. Describe various biochemical and biophysical test for assessment of fetal well being. (15 marks)
4. Explain evidence based childbirth practices in relation to labour intervention. (15 marks)

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

5. Explain the role of midwife in management of menopause.
6. Explain the physiology and characteristics of normal newborn.
7. Describe uses of analgesics and anesthesia in obstetrics.
8. What are the recent advancement in contraceptive technology?

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2016

[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. Extended and expanded role of psychiatric nurse.
2. Explain the biological and psychological response to stress and its management.
3. Describe the barriers of therapeutic communication and role of nurse to overcome barriers in each phases of therapeutic communication.
4. What are the characteristics of cognitive behaviour therapy? Explain in detail the techniques used in it.

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

5. Limbic system and its function
6. Factors affecting role performance
7. Role of nurse in assertiveness training
8. Side effects and risk factors related to Electro convulsive therapy

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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. Enumerate the different methods of Graphical presentation of data with appropriate examples.

2. a) Explain the basic principles of experimental design.
   b) Discuss in detail Randomized Block Design with examples. (5+10)

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

3. Correlation coefficient

4. Rank difference correlation computation between height and weight of 5 children as follows

	A	B	C	D	E
Height	6	4	5	3	1
Weight	5	6	4	1	2

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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. a) List the various types of tools used for collection of data. (5+10)
   b) Explain the steps in construction of attitude scale.
2. a) List-down the types of sampling. (5+10)
   b) Explain the merits and demerits of non-probability sampling.

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

3. Discuss in detail regarding Pilot study.
4. Explain the sources of Review of Literature.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc (Nursing) Degree Examination-OCTOBER 2016

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

NURSING EDUCATION

(RS3 &RS4)

Q.P.CODE: 9631

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary. Answer all questions

ANSWER THE FOLLOWING **4X15=60 Marks**

1. a) Define Teaching and Learning
   b) Discuss briefly theories of Teaching and Learning
   c) Mention the needs and importance of lesson plan
   (2+8+5=15)
2. a) What are the characteristics of a Unit plan?
   b) Explain steps involved in Unit planning
   c) Develop a unit plan for Nursing Care of Children with Congenital anomalies in Child Health Nursing for III year B.Sc Nursing students (3+5+7=15)

3. Explain responsibilities of a Principal of College of Nursing related to the class room and clinical evaluation of the students

4. a) Define Guidance and Counseling

   b) Discuss problems in Counseling

   c) Explain the techniques of counseling and its uses for nursing students (2+5+8=15)

SHORT NOTES (Answer Any TWO) **2x10=20 Marks**

5. Explain the teachers Role in procuring and managing instructional aids

6. Discuss briefly patterns of nursing education and training programs in India.

7. Accreditation in Nursing Education programs

8. Aims and agencies of Education

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – OCTOBER 2016

[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) List the criteria necessary for the profession. (5+10)
   b) What are the professional organizations of Nursing present in India and explain their functions?
2. a) Explain levels of theory. (5+10)
   b) Write in detail about Abdellah's Typology of Nursing problems.
3. a) What are the causes of Anaphylactic shock? (5+10)
   b) As a Nurse how will you assess and manage the patient with Anaphylactic shock?
4. Explain in detail about Ethical Issues and Ethical decision-making process in Nursing.

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

5. Crisis and its intervention
6. Quality assurance in Nursing
7. Uses of Computer in Nursing profession
8. Steps in developing Nursing diagnosis

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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) List the scope and purposes of nursing research.
   b) Explain in detail about the steps of research process. (5+10=15)
2. a) What are the types of Research approach?
   b) Explain in detail about qualitative approach. (5+10=15)

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

3. Research hypotheses
4. Validity of data collection tool

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Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination - OCTOBER 2016

[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) Define mean and standard deviation. Explain their properties. (5+10=15 marks)
   b) For the following distribution of protein intake of 400 families, calculate mean, standard deviation and co-efficient of variation.

Protein intake/ consumption (unit/day)	Number of families
15-25	30
25-35	40
35-45	100
45-55	110
55-65	80
65-75	30
75-85	10

2. Explain the following concepts: (3X5 = 15 Marks)
   a. Population and sample
   b. Sampling error
   c. Level of significance
   d. Type I and Type II error
   e. Estimation of Parameters

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

3. Mention the advantages and disadvantages of graphical and tabular presentation.

4. Explain the importance of statistics in health sciences.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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) Explain the types, and pathophysiology of leukemia.
   b) Explain in detail the management of a patient with Leukemia in detail. (3+4+8)
2. a) Explain the causes and clinical manifestations of chronic renal failure.
   b) Explain the management of chronic renal failure including nursing management. (3+4+8)
3. a) Explain the causes and clinical manifestations including pathophysiology of pulmonary tuberculosis.
   b) Explain the medical and nursing management of a patient with pulmonary tuberculosis. (2+5+8)
4. a) Explain the types and pathophysiology head injury.
   b) Explain in detail the management of a patient with head injury in the first 48 hours. (3+4+8)

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

5. Explain the causes and management of deep vein thrombosis.
6. Explain the types and management of glaucoma.
7. Explain the nutritional assessment in elderly.
8. Explain the Ethical issues in Medical Surgical Nursing.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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) Define community diagnosis.
   b) List the issues of community health nursing.
   c) Explain in detail about any two issues in community health nursing.
2. a) What are the principles of ecosystem?
   b) Describe changing ecosystem and its impact on health and illness.
3. Describe the nursing theories and models applied to community health nursing practice.
4. a) Define demography.
   b) Explain measures of population control.
   c) Describe impact of demography on health policy.

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

5. Public private partnership
6. Skilled Birth Attendant Module
7. Role of Community Health nurse in Epidemiology
8. Tele-nursing

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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 levels of neonatal care.
   b) Explain organization of physical facilities and nursing services in NICU. (5+10)
2. Describe in detail the nutritional programmes for children.
3. Explain the trends in pediatrics and pediatric nursing.
4. a) Explain the genetic patterns of common pediatric disorders.
   b) Role of a nurse in genetic counseling (10+5)

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

5. Methods of nutritional assessment
6. Cognitive theory of development
7. Integrated case management in outpatient facility, referral and home for sick children from 2-5 years
8. Current status of child health in India

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – OCTOBER 2016

[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. a) Explain the physiological and psychological adaptations during pregnancy. (6+4+5 = 15)
   b) What are the assessments to be done to a woman during her first visit to an antenatal clinic?
   c) Discuss the antenatal advises given to pregnant women.
2. a) Explain the maternal role attainment theory. (10+5 = 15)
   b) Write the nursing process for a normal postnatal mother using the Role Attainment theory.
3. a) List down the causes of male and female infertility. (7+8 = 15)
   b) Enumerate the various diagnostic procedures and treatments for infertility.
4. a) Explain the causes and factors influencing the labour. (5+10 = 15)
   b) Write in detail about the common anaesthesia and analgesia used during labour.

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

5. Pharmacological and supportive management of menopause
6. Legal aspects in midwifery
7. Female pelvis and measurements
8. Population dynamics

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCTOBER 2016

[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. Describe Peplau's model in relevance to nursing.
2. Write the implication of Assertive communication in Psychiatric Nursing.
3. Enumerate about antipsychotics.
4. Explain about the Alternative System of Medicine in Mental Health

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

5. Multidisciplinary team and role of nurse
6. Explain the development of self esteem.
7. Critical pathways of Care and Documentation
8. Premarital and Marital Counselling

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