9606_1_2010_S152

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

[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.**

Q.P. CODE : 9606 - Section A

Biostatistics [40 marks]

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. a) Prepare a frequency distribution table with equal class intervals 20-24, 25-29, etc, of the following data on still births of 2001 census of India.

   27, 37, 40, 32, 30, 36, 25, 39, 30, 29, 26, 30, 20, 35, 32, 28, 53, 29, 27, 30, 30, 32, 33, 27, 29, 36, 37, 29, 52, 42, 43, 29, 33, 32, 25, 50, 41, 28, 54, 20, 37, 49, 25, 48, 42, 51, 23, 26, 24, 45

   b) Draw a histogram and frequency polygon for the frequency table constructed for the above date.

   c) Discuss the basic principles of tabulation of data.

2. a). What are the underlying assumptions for the application of Chi – square test? If these assumptions fail, which statistical test do you use to analyze the date?
   b) A research wishes to study the association between knowledge level and educational status. She has obtained the following data from her research.

Educational Status	Level of knowledge Scores	
	Below Median	Above Median
GNM	18	18
BSc (N)	13	11

   Stating the suitable hypotheses test at 5% level of significance whether there is any significant association between educational status and the knowledge level. (Critical value is 3.841)

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

3. Distinguish between (a) Qualitative and quantitative variable (b) Pearson's product moment correlation and Spearman's Rank correlation, (c) One – tailed and two – tailed tests.
4. What are the different scales used for measuring the date. Explain each with a suitable example.

(1)

9601_2009_1_S46

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

ADVANCED CONCEPTS OF HEALTH AND NURSING

PAPER I

(Revised Scheme 2)

Q.P. CODE : 9601

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

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1. Discuss the nursing management of a client with myocardial infarction applying Roy's adaptation theory
2. Explain the evaluation phase of nursing process. Discuss its importance in quality patient care
3. Discuss on the current health care delivery system in India
4. Discuss on the extended and expanded role of nursing

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

5. Ethical issues in nursing
6. Disaster nursing
7. Politics in nursing
8. Team nursing

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9602_2009_1_S132

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – May 2010

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

BIOLOGICAL AND PSYCHOLOGICAL FOUNDATION OF NURSING

(Revised Scheme 2)

Q.P. CODE : 9602 & 9603

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.**

Q.P. CODE : 9602 - Section A
Genetics, Embryology & Pathophysiology [40 marks]

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. Explain chromosomes and type of chromosomal disorders with examples
2. Explain the etiopathophysiological changes of rheumatoid arthritis. Describe nursing intervention

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

3. Normal fluid exchange
4. Factors influencing development of embryo

Q.P. CODE : 9603 - Section B
Psychological Foundation of Nursing [40 marks]

Use separate answer book

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. Explain psychological of stages of illness patient who undergone amputation of lower limb and nursing management of the patient
2. Discuss the role of stress in causing

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

3. Alcoholism
4. Therapeutic role of a nurse in bereavement

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9604_2009_1_S42.doc

Rajiv Gandhi University of Health Sciences

First Year M.Sc. Degree Examination – May 2010

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

EDUCATION AND NURSING EDUCATION

(Revised Scheme 2)

Q.P. CODE : 9604 & 9605

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.**

Q.P. CODE : 9604 - Section A – Education [40 marks]

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. Discuss briefly about the inadequate resources in promotion of education and explain the steps to be taken to promote the present day system of education

2. What is the role of family, school, group and mass media in the promotion of social change and in the development of education?

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

3. Student indiscipline

4. Traditional and liberal movements in education

Q.P. CODE : 9605 - Section B – Nursing Education [40 marks]

Use separate answer book

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. a) What is an Audio visual aid?
   b) What are the steps involved in the preparation, selection, use and administration of audiovisual aids

2. List the various methods of teaching and write in detail about the differences between nursing clinic and nursing rounds

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

3. Rating scale

4. Problems in counseling

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9631_1_2010_S153

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

NURSING EDUCATION

(Revised Scheme 3)

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 **4 X 15 = 60 Marks**

1. Write in detail about method of evaluation of nursing education
2. a) Enumerate the various methods of teaching
   b) Explain in detail about lecture method
3. a) Define guidance and counseling
   b) Enumerate the problems in counseling
4. a) Explain the curriculum change
   b) Discuss the selection and organization of learning experiences.

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

5. Elicit role of teacher using instructional aids effectively
6. Explain the steps in constructing a test
7. Write in detail about performance appraisal
8. Develop a lesson plan on communication for 1st year B. Sc. (N) students

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9632_1_2010_S151

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

ADVANCE NURSING PRACTICE

(Revised Scheme 3)

Q.P. CODE : 9632

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

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1. a) Discuss the various electrolyte imbalances and its management (7)
   b) Explain the pathophysiology and Immediate nursing care for hypovolemic shock (8)
2. Explain in detail about the extended and expanded role of Nurse in health care delivery system.
3. Discuss in detail about the unconscious patient and prepare a nursing care plan for unconscious patient.
4. Explain the current concept of primary health care

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

5. Genetic counseling
6. Use of computer in Nursing profession
7. Health belief Model
8. Responsibility of a department supervisor in infection control of the emergency unit.

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9633_2010_1_S152

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

NURSING RESEARCH

(Revised Scheme 3)

Q.P. CODE : 9633 & 9634

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.**

Q.P. CODE : 9633 - Section A

[40 marks]

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. What do you understand by reliability of a tool? Describe the different methods of establishing reliability
2. Describe the various steps involved in planning a research study

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

3. Stratified random sampling – illustrate with appropriate examples
4. Measurement of variables using scale methods, and develop a likert scale

Q.P. CODE : 9634 - Section B

Statistics [40 marks]

Use separate answer book

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. Describe the different principles underlying experimental designs. State the assumptions underlying analysis of Variance
2. Describe the analysis of ANOVA one way classification. What do you do when the assumptions are not fulfilled?

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

3. Normal probability curve
4. Draw a 'Pie'. Diagram to present the data given below
   "Knowledge score of mothers on various Temporary family Planning methods"
   a) Oral Contraceptives – 30%
   b) Intra Uterine device – 45%
   c) Safe period – 20%
   d) Injectable – 5%

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9635_1_2010_S153

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

MEDICAL SURGICAL NURSING

(Revised Scheme 3)

Q.P. CODE : 9635

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

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1. Write the Nursing assessment and Management of patient with head injury using Nursing process approach.
2. Explain the etiology, pathogenesis and symptoms of acute myeloid leukemia. Write a Nursing care pan for patient with leukemia.
3. What are the cause of oxygen insufficiency, Explain the Nurse's role in preventing mortality of such patients.
4. Write the pathophysiology of Tuberculosis, Explain the transmission risk factors and treatment plans.

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

5. Physciological changes in elderly and their management.
6. Infection control.
7. Types of shock
8. Concept of health

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9636_1_2010_S151

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

COMMUNITY HEALTH NURSING

(Revised Scheme 3)

Q.P. CODE : 9636

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

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1. Explain Betty Newman systme's theory with example.
2. Ethical, legal and socio – cultural issues in community health nursing
3. Maternal health care services available to reduce maternal morbidity and mortality in India
4. Information education and communication in community health Nursing Practice.

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

5. Partnership in community health nursing
6. Nutritional education
7. Disease causation
8. Alternative system for health promotion.

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9637_1_2010_S153

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

CHILD HEALTH (PAEDIATRIC) NURSING

Q.P. CODE : 9637

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

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1. Explain concepts and theories of growth and development in adolescents and their needs
2. a) Explain does embryology help pediatric nurse in providing health education to parents
   b) Explain the formation of liver
   c) Importance of research in paediatric nursing
3. Prepare master Rohan age 5 1/2yrs and his parents of hospitalization as he us diagnosed to have Nephrotic syndrome. As a pediatric nurse working in medical ward, what type of reaction to hospitalization would you anticipate that would affect his development
4. Discuss the importance of maintaining standards in nursing care and role of nursing audit

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

5. Well baby clinics
6. Management of low birth weight baby
7. Caring for children with HIV/AIDS
8. Nutritional programs

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9638_1_2010_S153

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

[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. Describe the physiology of first stage of labour and write briefly the management of fourth stage of labour
2. Explain in detail about nursing management of pregnant women during minor disorders of pregnancy
3. Write in detail about role of nurse midwifery practioner during management of puerperium
4. Discuss the role of independent nurse midwifery practitioner in family welfare services

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

5. Ethical and legal aspects of Assisted Reproductive Technology (ART)
6. Hormone replacement therapy and role of nurse midwife
7. Foetal circulation
8. Diet in pregnancy

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9639_1_2010_S153

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2010

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

PSYCHIATRIC NURSING

(Revised Scheme 3)

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. Define therapeutic nurse patient relationship. Discuss the dynamics, conditions and the phases through which a therapeutic nurse patient relationship is established
2. Define behavior therapy. Discuss the role of classical conditioning and operant conditioning in behavior therapy. Mention the techniques used in behavior therapy.
3. Define personality. Discuss the relevance of personality development to Psychiatric nursing in relation to psychosocial development theory and interpersonal therapy
4. Describe the role of the psychiatric nurse in managing mental health problems affecting women in the reproductive age group

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

5. Neurotransmitters
6. Therapeutic and Non therapeutic communication techniques
7. Antidepressants
8. Factors influencing mental health and mental illness

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