15

RK–2117

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

ADVANCED CONCEPTS OF HEALTH AND NURSING

Time : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. Discuss how cost effectiveness influences health care. (15 marks)

2. Recommend strategies for integrating nursing theory into practice. (15 marks)

3. Why is it desirable to use the nursing process when giving care ?

   What is the relationship between evaluation and other components of a nursing process ?

   (15 marks)

4. "Well being differ from health ? Illness from disease" ? Justify with illustration. How can the nurse foster health promoting behaviour in clients ?

   (15 marks)

5. Write short notes on any *two* :

   (a) Roy's adaptation model.
   (b) Image of nursing.
   (c) Common ethical dilemmas in nursing.
   (d) Distance education in nursing.

   (2 × 10 = 20 marks)

9

RK—2119

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOLOGICAL AND PSYCHOSOCIAL FOUNDATION OF NURSING

e : Three Hours

Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

Section A (Genetics and Embryology and Pathophysiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 What is Genetic Mutation ? Discuss on mutant genes and functional dearrangement.

2 Describe Traumatic pain. Explain the Nursing Management.

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

1 Scope of Embryology.

2 Electrolyte and acid base balance.

(1 × 10 = 10 marks)

Section B (Psychosocial Foundation of Nursing and Epidemiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) Discuss on suicidal crisis.

(b) Describe nursing activities in prevention of it.

(7 + 8 = 15 marks)

2 (a) Discuss on Therapeutic communication.

(b) Explain different types of communication techniques that are used by nurses with examples.

(7 + 8 = 15 marks)

II. Write short notes on any *one* :

1 Developmental factors related to infancy.

2 Behavioural theories.

(1 × 10 = 10 marks)

14

RK – 2120

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOSTATISTICS, RESEARCH METHODOLOGY AND NURSING RESEARCH

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

Section A (Biostatistics)

1. Explain various measures of correlations/association appropriate for each of the four levels of measurement.

(15 marks)

2. (a) Describe the principles of experimental design. How they are incorporated in randomised block design.

(10 marks)

(b) Specify important methods of multivariate analysis. Explain the functions of Cluster Analysis in Nursing Research.

(5 marks)

3. Write short notes on any *one* :

(a) Likert scaling method.

(b) Type I and Type II errors.

(10 marks)

Section B (Research Methodology and Nursing Research)

1. (a) Explain the various steps and features of the scientific method. (10 marks)

(b) Briefly describe the problems of experimental approaches in Nursing Research.

(5 marks)

2. What are the points to be noted down in organising and collecting data ? Give a method of treating non-response errors.

(15 marks)

3. Write short notes on any *one* :

(a) Optimum sample size.

(b) Scope of nursing research.

(10 marks)

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RK – 2121

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality – I

Paper I – MEDICAL AND SURGICAL NURSING – I

Time : Three Hours | Maximum : 80 Marks

Answer **all** *questions.*

1. Mr. Mohan, a 48-years old, lorry driver is admitted with fulminating cirrhosis of liver.
   (a) Analyse the pathophysiological basis of his probable clinical manifestations.
   (b) List significant *five* diagnostic tests for him, with related normal values.
   (c) State *five* nursing diagnoses for Mr. Mohan, in logical sequence.

   (10 + 2½ + 2½ = 15 marks)

2. Tony, a 12-years old, cracker factory worker is diagnosed to have bronchiectasis. His cooley worker parents can not afford to pay for his long-term hospitalisation.

   Discuss how a qualified nurse can render professional care to Tony, in this situation.

   (15 marks)

3. Discuss *immediate* and *late* post-operative nursing care of a person with *Below-knee* amputation.

   (7½ + 7½ = 15 marks)

4. Discuss Cardiac Arrhythmias in terms of the following aspects :–
   (a) Pre-disposing factors.
   (b) Classification.
   (c) Therapeutic management.

   (3 + 3 + 9 = 15 marks)

   [4 × 15 = 60 marks]

5. Write short notes on any *two* of the following :–
   (a) Pathology of inflammation.
   (b) Intra-cranial pressure.
   (c) Haemodialysis.
   (d) Vesico-urethral reflux.

   (2 × 10 = 20 marks)

13

RK – 2122

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality – I

COMMUNITY HEALTH NURSING – I

e : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. (a) Explain briefly the objectives and principles of health education.
   (b) Write briefly how you will plan and implement an immunization programme.
   (6 + 9 = 15 marks)

2. Explain briefly the objectives and main aspects of School Health Programme. (15 marks)

3. What is Ergonomics ? Explain briefly about the occupational hazards. (15 marks)

4. Explain briefly on population dynamics, trends and its effect on health. (15 marks)

[4 × 15 = 60 marks]

5. Write short notes on any *two* of the following :–
   (a) National Malaria Eradication Programme.
   (b) Reproductive Child Health.
   (c) Nutritional problems in India.
   (2 × 10 = 20 marks)

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7

RK – 2123

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality – I

PAEDIATRIC NURSING

Time : Three Hours

Maximum : 80 Marks

Answer **all** *questions.*

1. Describe the prenatal influences on the growth and development of children.

2. What are the nutritional requirements and feeding practices for children from birth upto 2 years of age ?

3. Describe the growth and development of children from birth to 2 years of age and anticipatory guidance of parents.

4. What is the importance and role of play therapy in hospitalized children ?

(4 × 15 = 60 marks)

5. Write short notes on any *two* :

   (a) Neonatal mortality rate.
   (b) Genetic counselling.
   (c) National policy for children.
   (d) Resuscitation at birth.

(2 × 10 = 20 marks)

12

RK – 2124

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality – I

PSYCHIATRIC NURSING

ne : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. Describe the principles of Psychiatric Nursing and discuss any *two* principles in detail.
2. How do you establish Nurse-Patient relationship ?
   Explain the phases of relationship briefing nurses and patients role in each phase.
3. Outline the classification of child Psychiatric disorders and explain the role of nurse in family counselling.
4. What are the levels of prevention ? Discuss the role of nurse in Community Psychiatry.

(4 × 15 = 60 marks)

5. Write short notes on any *two* :
   (a) Nursing model.
   (b) Barriers of communication.
   (c) Sheltered workshop.
   (d) Criminal responsibility.

(2 × 10 = 20 marks)

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8

RK–2125

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Branch IV : Nursing Speciality–I

Paper IV–OBSTETRICS AND GYNAECOLOGY NURSING

Time : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. (a) Define Puerperium.

   (b) List the complications of Puerperium.

   (c) Explain the infection control measures that you as a clinical nurse specialist should implement in the labour room.

   (2 + 5 + 8 = 15 marks)

2. (a) Describe the development of placenta.

   (b) Write the functions of a mature placenta.

   (c) Discuss the examination of placenta after delivery.

   (4 + 4 + 7 = 15 marks)

3. Mrs. Devi, aged 24 years, gravida I with amenorrhoea 20 weeks attends antenatal clinic for the first time.

   (a) List the investigations and antenatal examinations carried out in the Outpatient Department.

   (b) What advice will you give her with regard to her (i) diet ; (ii) exercise ; and (iii) antenatal visit ?

   (5 + 10 = 15 marks)

4. (a) Enumerate the factors that influence the onset of labour.

   (b) Discuss the physiological changes during second stage of labour.

   (c) Explain the responsibility of a nurse in the management of second stage of labour.

   (4 + 4 + 7 = 15 marks)

5. Write short notes on any *two* :

   (a) Amniocentesis.

   (b) Menstrual cycle.

   (c) Nurses role in newborn care.

   (d) Birth injuries.

   (2 × 10 = 20 marks)

Sl.No: 16.

RK—2089

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

ADVANCED CONCEPTS OF HEALTH AND NURSING

Time : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. Discuss in detail the stress theory and its application in preparing the patient for surgical intervention.
2. Explain nursing process and its application in community health setting.
3. As a change agent in the health care delivery system, how will you improve the nursing service ?
4. List the mode of nursing practices in our country and other countries. Discuss one in India and one in abroad in detail.

(4 × 15 = 60 marks)

5. Write short notes on any *two* :
   (a) Health—illness spectrum.
   (b) Nurse clinician and Nurse Practitioner.
   (c) Approaches to nursing assessment.
   (d) Politics in nursing.

(2 × 10 = 20 marks)

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2

RK—2091

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOLOGICAL AND PSYCHOSOCIAL FOUNDATION OF NURSING

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer books.*

Section A (Genetics and Embryology and Pathophysiology)

(*Time : 1½ hours ; Maximum : 40 marks*)

I. Answer *all* questions :

1 What are germ layers ? Discuss formation of germ layers.

2 Describe dehydration. Discuss Nursing Management.

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

(a) Heredity and environment.

(b) Immunity.

(1 × 10 = 10 marks)

Section B (Psychosocial Foundation of Nursing and Epidemiology)

(*Time : 1½ hours ; Maximum : 40 marks*)

I. Answer *all* questions.

1 (a) Discuss dimensions and dynamics of mental health.

(b) Explain the nursing activities related to promotion of mental health.

(7 + 8 = 15 marks)

2 (a) Enumerate the problem of loss and depression with its clinical manifestation.

(b) Discuss the nursing intervention of it.

(7 + 8 = 15 marks)

II. Write short notes on any *one* :

(a) Empathy in counselling.

(b) Defence mechanisms.

(10 × 1 = 10 marks)

3

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RK—2092

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Paper V—BIOSTATISTICS, RESEARCH METHODOLOGY AND NURSING RESEARCH

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer books.*

Section A (Bio-statistics)

(*Time : 1½ hours ; Maximum : 40 marks*)

I. Answer *all* questions :

1 What is meant by Regression ? How will you form a linear regression equation ? Give the meaning of the regression coefficient.

2 Explain point estimation and confidence Interval. How will you construct a 95 % confidence Interval for a mean of large sample ?

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

(a) Non-parametric tests.

(b) Discriminant analysis.

(1 × 10 = 10 marks)

Section B (Research Methodology and Nursing Research)

(*Time : 1½ hours ; Maximum : 40 marks*)

I. Answer *all* questions.

1 Describe the meaning and importance of review of literature.

2 Give a method of constructing an attitude scale.

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

(a) Case study method.

(b) Purposive sampling.

(10 × 1 = 10 marks)

4

RK—2093

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

NURSING SPECIALITY—MEDICAL SURGICAL NURSING—I

Time : Three Hours Maximum : 80 Marks

I. Answer *all* questions :

1 Define the body defence mechanism. Describe the body defence to infection.

2 Discuss etiopathology of Diabetus mellitus. Write care of the client with Diabetus mellitus.

3 Define Tumour. Classify tumours. Write pathophysiology of brain tumour and management of a client with brain tumour.

4 Define Renal failure. List the causes. Write signs and symptoms with rationale and write the care plan for the client with Chronic Renal Failure.

(4 × 15 = 60 marks)

II. Write short notes on any *two* :

5 Dyspnea.

6 Encephalitic shock.

7 Cushing syndrome.

8 Infertility.

(2 × 10 = 20 marks)

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5

RK—2094

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

NURSING SPECIALITY—I—COMMUNITY HEALTH NURSING—I

Time : Three Hours Maximum : 80 Marks

I. Answer *all* questions :

1 (a) Explain the nutritional problems of preschool children of India.

(5 marks)

(b) How would you plan and conduct nutrition survey in a community where anaemia is prevalent ?

(10 marks)

2 India is committed to attaining to goal of "Health for all by 2000 A.D." through the universal provision of comprehensive primary health care services. Discuss the role of health care delivery system to achieve the goal. Explain the role of nurse in the community for the same.

3 Explain the concepts of Community Health Nursing. Illustrate the trends and issues in Community Health Nursing. Discuss the impact of socio-cultural factors on the health status of a community.

4 Discuss any *two* of nursing models used in community health nursing practice.

(4 × 15 = 60 marks)

II. Write short notes on any *two* :

5 RCH programme.

6 Role of nurse in occupation health nursing.

7 Epidemiological surveillance.

8 Youth clubs.

(2 × 10 = 20 marks)

10

RK–2118

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

EDUCATION AND NURSING EDUCATION

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

Section A (Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 Trace briefly the development of education from ancient to modern times in our country.

2 Discuss the problems of education in India.

(2 × 15 = 30 marks)

II. Write short notes on :

1 Relationship between Philosophy and Education. (5 marks)

2 Aims of education according to the Kothari Commission. (5 marks)

Section B (Nursing Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) What are the characteristics of a unit plan ?

(b) Explain the essential activities involved in unit planning.

(c) Formulate a unit plan for "Nursing care of children with nutritional disorders" in child health nursing for Third Year B.Sc. Nursing Programme.

(5 + 5 + 5 = 15 marks)

2 (a) What is the definition of curriculum ?

(b) Describe the factors you would consider while stating the philosophy and objectives of a curriculum.

(c) Develop a curriculum plan for B.Sc. Nursing Programme with adequate explanation for each step.

(2 + 5 + 8 = 15 marks)

II. Write short notes on any *one* of the following :–

1 Master rotation plan.

2 Techniques of counselling.

(1 × 10 = 10 marks)

1

RK—2090

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

EDUCATION AND NURSING EDUCATION

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer books.*

Section A (Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 What are the problems in the examination system in University education in India and what measures can be taken to rectify them ?

2 Describe any *one* modern contemporary philosophies of education.

(2 × 15 = 30 marks)

II. Write short notes on any *one* of the following :

(a) Educational unemployment.

(b) Non-formal education.

(1 × 10 = 10 marks)

Section B (Nursing Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) What are the essential elements of a good lesson plan ?

(b) Develop a lesson plan on "Anatomy and Physiology of Heart" for first year general nursing and midwifery students.

(5 + 10 = 15 marks)

2 Evaluate the current issues and trends of Nursing Education in Karnataka State.

(15 marks)

II. Write short notes on any *one* of the following :

(a) Steps in curriculum development.

(b) Microteaching.

(1 × 10 = 10 marks)

(65)

RK–2118

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

EDUCATION AND NURSING EDUCATION

Time : Three Hours

Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

Section A (Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 Trace briefly the development of education from ancient to modern times in our country.

2 Discuss the problems of education in India.

(2 × 15 = 30 marks)

II. Write short notes on :

1 Relationship between Philosophy and Education. (5 marks)

2 Aims of education according to the Kothari Commission. (5 marks)

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Section B (Nursing Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) What are the characteristics of a unit plan ?

(b) Explain the essential activities involved in unit planning.

(c) Formulate a unit plan for "Nursing care of children with nutritional disorders" in child health nursing for Third Year B.Sc. Nursing Programme.

(5 + 5 + 5 = 15 marks)

2 (a) What is the definition of curriculum ?

(b) Describe the factors you would consider while stating the philosophy and objectives of a curriculum.

(c) Develop a curriculum plan for B.Sc. Nursing Programme with adequate explanation for each step.

(2 + 5 + 8 = 15 marks)

II. Write short notes on any *one* of the following :–

1 Master rotation plan.

2 Techniques of counselling.

(1 × 10 = 10 marks)

(64) (1)

RK–2117

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

ADVANCED CONCEPTS OF HEALTH AND NURSING

Time : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. Discuss how cost effectiveness influences health care. (15 marks)

2. Recommend strategies for integrating nursing theory into practice. (15 marks)

3. Why is it desirable to use the nursing process when giving care ?
   What is the relationship between evaluation and other components of a nursing process ?
   (15 marks)

4. "Well being differ from health ? Illness from disease" ? Justify with illustration. How can the nurse foster health promoting behaviour in clients ?
   (15 marks)

5. Write short notes on any *two* :
   (a) Roy's adaptation model.
   (b) Image of nursing.
   (c) Common ethical dilemmas in nursing.
   (d) Distance education in nursing.
   (2 × 10 = 20 marks)

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(65)

RK–2118

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

EDUCATION AND NURSING EDUCATION

Time : Three Hours

Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

Section A (Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 Trace briefly the development of education from ancient to modern times in our country.

2 Discuss the problems of education in India.

(2 × 15 = 30 marks)

II. Write short notes on :

1 Relationship between Philosophy and Education. (5 marks)

2 Aims of education according to the Kothari Commission. (5 marks)

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Section B (Nursing Education)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) What are the characteristics of a unit plan ?

(b) Explain the essential activities involved in unit planning.

(c) Formulate a unit plan for "Nursing care of children with nutritional disorders" in child health nursing for Third Year B.Sc. Nursing Programme.

(5 + 5 + 5 = 15 marks)

2 (a) What is the definition of curriculum ?

(b) Describe the factors you would consider while stating the philosophy and objectives of a curriculum.

(c) Develop a curriculum plan for B.Sc. Nursing Programme with adequate explanation for each step.

(2 + 5 + 8 = 15 marks)

II. Write short notes on any *one* of the following :–

1 Master rotation plan.

2 Techniques of counselling.

(1 × 10 = 10 marks)

RK–2119

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOLOGICAL AND PSYCHOSOCIAL FOUNDATION OF NURSING

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

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Section A (Genetics and Embryology and Pathophysiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 What is Genetic Mutation ? Discuss on mutant genes and functional dearrangement.

2 Describe Traumatic pain. Explain the Nursing Management.

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

1 Scope of Embryology.

2 Electrolyte and acid base balance.

(1 × 10 = 10 marks)

Section B (Psychosocial Foundation of Nursing and Epidemiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) Discuss on suicidal crisis.

(b) Describe nursing activities in prevention of it.

(7 + 8 = 15 marks)

2 (a) Discuss on Therapeutic communication.

(b) Explain different types of communication techniques that are used by nurses with examples.

(7 + 8 = 15 marks)

II. Write short notes on any *one* :

1 Developmental factors related to infancy.

2 Behavioural theories.

(1 × 10 = 10 marks)

(66) (3)

RK—2119

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOLOGICAL AND PSYCHOSOCIAL FOUNDATION OF NURSING

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

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Section A (Genetics and Embryology and Pathophysiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 What is Genetic Mutation ? Discuss on mutant genes and functional dearrangement.

2 Describe Traumatic pain. Explain the Nursing Management.

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

1 Scope of Embryology.

2 Electrolyte and acid base balance.

(1 × 10 = 10 marks)

Section B (Psychosocial Foundation of Nursing and Epidemiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) Discuss on suicidal crisis.

(b) Describe nursing activities in prevention of it.

(7 + 8 = 15 marks)

2 (a) Discuss on Therapeutic communication.

(b) Explain different types of communication techniques that are used by nurses with examples.

(7 + 8 = 15 marks)

II. Write short notes on any *one* :

1 Developmental factors related to infancy.

2 Behavioural theories.

(1 × 10 = 10 marks)

RK—2119

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOLOGICAL AND PSYCHOSOCIAL FOUNDATION OF NURSING

Time : Three Hours Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

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Section A (Genetics and Embryology and Pathophysiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 What is Genetic Mutation ? Discuss on mutant genes and functional dearrangement.

2 Describe Traumatic pain. Explain the Nursing Management.

(2 × 15 = 30 marks)

II. Write short notes on any *one* :

1 Scope of Embryology.

2 Electrolyte and acid base balance.

(1 × 10 = 10 marks)

Section B (Psychosocial Foundation of Nursing and Epidemiology)

(*Time* : 1½ *hours* ; *Maximum* : 40 *marks*)

I. Answer *all* questions :

1 (a) Discuss on suicidal crisis.

(b) Describe nursing activities in prevention of it.

(7 + 8 = 15 marks)

2 (a) Discuss on Therapeutic communication.

(b) Explain different types of communication techniques that are used by nurses with examples.

(7 + 8 = 15 marks)

II. Write short notes on any *one* :

1 Developmental factors related to infancy.

2 Behavioural theories.

(1 × 10 = 10 marks)

67

RK – 2120

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

BIOSTATISTICS, RESEARCH METHODOLOGY AND NURSING RESEARCH

Time : Three Hours

Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*

Section A (Biostatistics)

1. Explain various measures of correlations/association appropriate for each of the four levels of measurement.

(15 marks)

2. (a) Describe the principles of experimental design. How they are incorporated in randomised block design.

(10 marks)

(b) Specify important methods of multivariate analysis. Explain the functions of Cluster Analysis in Nursing Research.

(5 marks)

3. Write short notes on any *one* :

(a) Likert scaling method.

(b) Type I and Type II errors.

(10 marks)

Section B (Research Methodology and Nursing Research)

1. (a) Explain the various steps and features of the scientific method. (10 marks)

(b) Briefly describe the problems of experimental approaches in Nursing Research.

(5 marks)

2. What are the points to be noted down in organising and collecting data ? Give a method of treating non-response errors.

(15 marks)

3. Write short notes on any *one* :

(a) Optimum sample size.

(b) Scope of nursing research.

(10 marks)

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(68) (5)

RK–2121

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality–I

Paper I–MEDICAL AND SURGICAL NURSING–I

Time : Three Hours Maximum : 80 Marks

Answer **all** *questions.*

1. Mr. Mohan, a 48-years old, lorry driver is admitted with fulminating cirrhosis of liver.
   (a) Analyse the pathophysiological basis of his probable clinical manifestations.
   (b) List significant *five* diagnostic tests for him, with related normal values.
   (c) State *five* nursing diagnoses for Mr. Mohan, in logical sequence.

   (10 + 2½ + 2½ = 15 marks)

2. Tony, a 12-years old, cracker factory worker is diagnosed to have bronchiectasis. His cooley worker parents can not afford to pay for his long-term hospitalisation.

   Discuss how a qualified nurse can render professional care to Tony, in this situation.

   (15 marks)

3. Discuss *immediate* and *late* post-operative nursing care of a person with *Below-knee* amputation.

   (7½ + 7½ = 15 marks)

4. Discuss Cardiac Arrhythmias in terms of the following aspects :–
   (a) Pre-disposing factors.
   (b) Classification.
   (c) Therapeutic management.

   (3 + 3 + 9 = 15 marks)

   [4 × 15 = 60 marks]

5. Write short notes on any *two* of the following :–
   (a) Pathology of inflammation.
   (b) Intra-cranial pressure.
   (c) Haemodialysis.
   (d) Vesico-urethral reflux.

   (2 × 10 = 20 marks)

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(69) (6)

RK–2122

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality–I

COMMUNITY HEALTH NURSING–I

Maximum : 80 Marks

ıe : Three Hours

Answer **all** *questions.*

1. (a) Explain briefly the objectives and principles of health education.

   (b) Write briefly how you will plan and implement an immunization programme. (6 + 9 = 15 marks)

2. Explain briefly the objectives and main aspects of School Health Programme. (15 marks)

3. What is Ergonomics ? Explain briefly about the occupational hazards. (15 marks)

4. Explain briefly on population dynamics, trends and its effect on health. (15 marks)

[4 × 15 = 60 marks]

5. Write short notes on any *two* of the following :–

   (a) National Malaria Eradication Programme.

   (b) Reproductive Child Health.

   (c) Nutritional problems in India. (2 × 10 = 20 marks)

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(70)

RK–2123

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality–I

PAEDIATRIC NURSING

Time : Three Hours

Maximum : 80 Marks

Answer **all** *questions.*

1. Describe the prenatal influences on the growth and development of children.

2. What are the nutritional requirements and feeding practices for children from birth upto 2 years of age ?

3. Describe the growth and development of children from birth to 2 years of age and anticipatory guidance of parents.

4. What is the importance and role of play therapy in hospitalized children ?

(4 × 15 = 60 marks)

5. Write short notes on any *two* :

   (a) Neonatal mortality rate.
   (b) Genetic counselling.
   (c) National policy for children.
   (d) Resuscitation at birth.

(2 × 10 = 20 marks)

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RK–2124

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Nursing Speciality–I

PSYCHIATRIC NURSING

Time : Three Hours

Maximum : 80 Marks

Answer **all** *questions.*

1. Describe the principles of Psychiatric Nursing and discuss any *two* principles in detail.
2. How do you establish Nurse-Patient relationship ?
   Explain the phases of relationship briefing nurses and patients role in each phase.
3. Outline the classification of child Psychiatric disorders and explain the role of nurse in family counselling.
4. What are the levels of prevention ? Discuss the role of nurse in Community Psychiatry.

(4 × 15 = 60 marks)

5. Write short notes on any *two* :
   (a) Nursing model.
   (b) Barriers of communication.
   (c) Sheltered workshop.
   (d) Criminal responsibility.

(2 × 10 = 20 marks)

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RK–2125

FIRST YEAR M.Sc. (NURSING) DEGREE EXAMINATION, 2002

Branch IV : Nursing Speciality–I

Paper IV–OBSTETRICS AND GYNAECOLOGY NURSING

Time : Three Hours | Maximum : 80 Marks

Answer **all** *questions.*

1. (a) Define Puerperium.

   (b) List the complications of Puerperium.

   (c) Explain the infection control measures that you as a clinical nurse specialist should implement in the labour room.

   (2 + 5 + 8 = 15 marks)

2. (a) Describe the development of placenta.

   (b) Write the functions of a mature placenta.

   (c) Discuss the examination of placenta after delivery.

   (4 + 4 + 7 = 15 marks)

3. Mrs. Devi, aged 24 years, gravida I with amenorrhoea 20 weeks attends antenatal clinic for the first time.

   (a) List the investigations and antenatal examinations carried out in the Outpatient Department.

   (b) What advice will you give her with regard to her (i) diet ; (ii) exercise ; and (iii) antenatal visit ?

   (5 + 10 = 15 marks)

4. (a) Enumerate the factors that influence the onset of labour.

   (b) Discuss the physiological changes during second stage of labour.

   (c) Explain the responsibility of a nurse in the management of second stage of labour.

   (4 + 4 + 7 = 15 marks)

5. Write short notes on any *two* :

   (a) Amniocentesis.

   (b) Menstrual cycle.

   (c) Nurses role in newborn care.

   (d) Birth injuries.

   (2 × 10 = 20 marks)