1A

SK—0278

SECOND YEAR B.Sc. (NURSING) (BASIC) DEGREE EXAMINATION, 1998

COMMUNITY HEALTH NURSING

Time : Three Hours | Maximum : 80 Marks

Your answer shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essay :

1 Briefly explain the historical genesis of Community Health Nursing in the Pre-independence Era 1845—1947 A.D.

2 Define primary health care. Explain briefly about elements of primary health care.

(10 + 10 = 20 marks)

II. Short Essays : Answer any *eight* of the following :—

1 Principles of Community Health Nursing.
2 National Family Welfare Programme.
3 Maternal and Child health problems in India.
4 Briefly explain about Postnatal care.
5 Road to health card.
6 Immunization Schedule.
7 Tabulation.
8 Care of the New-born.
9 Principles of Primary Health Care.
10 Levels of Health Care.

(8 × 5 = 40 marks)

III. Write Short Answers :

1 Define Primary Health Care.
2 Levels of health care.
3 Functions of Primary Health Centre.
4 Under five clinics.
5 B.C.G.
6 Rooming-in.
7 Small for the date.
8 Nutritional surveillance.
9 Indicators of MCH care.
10 Integrated Child Development Services (ICDS).

(10 × 2 = 20 marks)

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SK—0217

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

NUTRITION

Time : Three Hours Maximum : 80 Marks

Instructions to Candidates :

(1) *Your answers shall be specific to the questions asked.*

(2) *Draw neat and labelled diagrams wherever necessary.*

I. Long Essays :

(a) Discuss the relation of food to health.

(b) Discuss in detail the nutritional requirements during pregnancy.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* of the following :—

(a) Explain the functions of proteins in our body.

(b) What are the different methods used for preservation of food ?

(c) What is the role of FAO to improve the nutrition of people of all countries ?

(d) How can a nutritional anaemia be prevented ?

(e) List and briefly explain the deficiency symptoms of Vitamin A.

(f) What are the *two* different types of vitamins ? Give *two* examples of each type.

(g) What are the factors affecting meal planning ?

(h) What is the influence of socio economic factors on nutrition ?

(i) What are the effects of washing and cooking on rice ?

(j) Protein calorie malnutrition.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Define "Rickets".

(b) Write the classification of lipids with examples.

(c) Define Pressure Cooking.

(d) What is weaning ?

(e) What is the caloric requirement of preschool child ?

(f) List any *four* important sources of Vitamin C.

(g) What is dietary fibre ?

(h) What is emulsification ?

(i) List out the food sources of calcium.

(j) What are the effects of Excessive Fluorine in drinking water ?

(10 × 2 = 20 marks)

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SK—0083

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

NUTRITION

Time : Three Hours Maximum : 80 Marks

Answer Section A and Section B in **separate** *answer-books.*
Your answer shall be specific to the questions asked.

Section A

1. Long Essay :

   Mention food classification according to chemical composition and write functions, sources and deficiencies of proteins.

   (10 marks)

2. Short Essay. Answer any *four* :
   (a) Define balanced diet, plan high cost balanced diets for pre-school children.
   (b) Write physiological functions of Vitamin A and D.
   (c) Discuss effects of cooking on all food groups.
   (d) What are the objectives of applied nutrition programme ?
   (e) What are the various methods of diet survey ?

   (4 × 5 = 20 marks)

3. Short answers :
   (a) Vitamin C.
   (b) Define Malnutrition.
   (c) Define Nutrients.
   (d) Characteristics of lipids.
   (e) Toxic effects of excess of fluorine in human beings.

   (5 × 2 = 10 marks)

Section B

1. Long Essay :

   Write essay on effects of socio-economic factors on food pattern and food habits.

   (10 marks)

2. Short Essay. Answer any *four* :
   (a) Write functions of minerals.
   (b) Differences between Kwashorkor and Marasmus.
   (c) F.A.O.
   (d) What are the deficiency conditions of Vitamin D.
   (e) Relation of nutrition to health.

   (4 × 5 = 20 marks)

3. Short answers :
   (a) Define Steaming, Backing.
   (b) How and where is iron storeo in the body ?
   (c) Effects of imbalance of niacin.
   (d) Functions of phosphorus.
   (e) Dietary sources of calcium.

   (5 × 2 = 10 marks)

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SK—0276

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

MICROBIOLOGY AND PARASITOLOGY

Time : Three Hours

Maximum : 80 Marks

Instructions to Candidates :

(1) *Your answer shall be specific to the question asked.*

(2) *Draw neat and labelled diagram wherever necessary.*

I. 1 Classify hypersensitivity reactions. Write in detail about anaphylaxis.

2 Describe the cultural characters pathogenecity and laboratory diagnosis of vibrio cholenae.

(2 × 10 = 20 marks)

II. Write briefly on any *eight* :

1 Bacterial growth curve.
2 Chemical sterlisation.
3 Prophylaxis of poliomyelitis.
4 Nosocomial infections.
5 Precipitation reactions.
6 Gas gangrene.
7 Serum hepatitis.
8 Life cycle of hoork worm.
9 Dermatophytes.
10 Rheumatic fever.

(8 × 5 = 40 marks)

III. Write short notes on :

1 Grams stain.
2 Transduction.
3 B.C.G. vaccine.
4 Selective media.
5 Cross infection.
6 Bile stained ova.
7 Malignant pustule.
8 Organ culture.
9 Cyclops.
10 Fever blister.

(10 × 2 = 20 marks)

Central Library

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SK—0280

SECOND YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 1998

COMMUNITY HEALTH NURSING

Time : Three Hours

Maximum : 80 Marks

Your answers should be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 (a) What are the terminal methods of Family Welfare Programme ?
(b) Briefly explain the nurses role in Family Welfare Programme. (3 + 7 = 10 marks)

2 (a) List the objectives of School Health Programme.
(b) List the ideal environment for School Health Programme. (3 + 7 = 10 marks)

II. Short Essays : Answer any *eight* of the following :—

1 Family Counselling.
2 Minor ailment treatment.
3 District level health administration.
4 Levels of prevention.
5 Audio-visual aids.
6 Concept of health.
7 Artificial ventilation.
8 Small scale filtration of water.
9 Barriers of communication.
10 Community health nursing bag technique. (8 × 5 = 40 marks)

III. Short Answers :

1 Surveillance.
2 Food poisoning.
3 Salk vaccine.
4 Epidemiology.
5 Healthy carrier.
6 Incidence rate.
7 W.H.O.
8 Safe period.
9 Census.
10 Epidemic. (10 × 2 = 20 marks)

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SK—0280

SECOND YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 1998

COMMUNITY HEALTH NURSING

e : Three Hours

Maximum : 80 Marks

Your answers should be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 (a) What are the terminal methods of Family Welfare Programme ?
(b) Briefly explain the nurses role in Family Welfare Programme.
(3 + 7 = 10 marks)

2 (a) List the objectives of School Health Programme.
(b) List the ideal environment for School Health Programme.
(3 + 7 = 10 marks)

II. Short Essays : Answer any *eight* of the following :—

1 Family Counselling.
2 Minor ailment treatment.
3 District level health administration.
4 Levels of prevention.
5 Audio-visual aids.
6 Concept of health.
7 Artificial ventilation.
8 Small scale filtration of water.
9 Barriers of communication.
10 Community health nursing bag technique.
(8 × 5 = 40 marks)

III. Short Answers :

1 Surveillance.
2 Food poisoning.
3 Salk vaccine.
4 Epidemiology.
5 Healthy carrier.
6 Incidence rate.
7 W.H.O.
8 Safe period.
9 Census.
10 Epidemic.
(10 × 2 = 20 marks)

A2

SK—0284

SECOND YEAR B.Sc. NURSING (P.C.) DEGREE EXAMINATION, 1998

MENTAL HEALTH NURSING

Time : Three Hours Maximum : 80 Marks

Instruction to the candidates :

(1) *Your answer shall be specific to the question asked.*
(2) *Draw neat and label the diagram wherever necessary.*

I. Long Essays :

1 Define Organic psychosis. Discuss etiology and clinical manifestation. Explain nurses role in delirium tremens.

2 Define Mental retardation. Discuss oetiology and its classification. Explain the nurses role for the institutionalised mild mentally retarded child.

(10 + 10 = 20 marks)

II. Short Essays—Answer any *eight* of the following :—

1 Negativism.
2 Sublimation.
3 ICD–10.
4 Nursing model.
5 Homicide.
6 Therapeutic community.
7 Half way home.
8 Mental status exam.
9 Revolving door syndrome.
10 Neuroleptic malignancy syndrome.

(8 × 5 = 40 marks)

III. Short Answers :

1 Systemic desensitization.
2 Obsession.
3 Pica.
4 Eneuresis.
5 Tics.
6 Neologism.
7 Hyperkinesis.
8 Hallucination.
9 Neurosis.
10 Flooding.

(10 × 2 = 20 marks)

SK—0084

FIRST YEAR B.Sc. (NURSING—BASIC) DEGREE EXAMINATION, 1998

INTRODUCTION TO COMMUNITY HEALTH INCLUDING FAMILY WELFARE

Time : Three Hours Maximum : 80 Marks

Note :—(1) *Answer Section A and Section B in* **separate** *answer-books.*

(2) *Your answers shall be specific to the questions asked.*

(3) *Draw neat and labelled diagrams wherever necessary.*

Section A

I. Long Essay :

(a) What are the major problems existing in India ?

(b) Explain any *two* in detail.

(4 + 6 = 10 marks)

II. Short Essay. Answer any *four* of the following :—

(a) List the aims and objectives of Health Services.

(b) What is the importance of menstrual hygiene ?

(c) Enumerate the factors affecting mental health.

(d) Mention the importance of food hygienic practices.

(e) Write the principles of primary health care.

(4 × 5 = 20 marks)

III. Short Answers :

(a) What do you understand by commercial sex worker ?

(b) List the methods of sanitary disposal of refuse in urban area.

(c) What do you mean by Food Adulteration ?

(d) Indicate the types of latrines which you would recommend for rural area. Why ?

(e) Write the insecticides for mosquitoe control.

(5 × 2 = 10 marks)

Section B

I. Long Essay :

(a) Draw an organisational chart of Health Care Delivery System of your state.

(b) Explain your role in health care delivery system.

(c) Who are all the health team members at state level ?

(4 + 3 + 3 = 10 marks)

Turn over

II. Short Essay. Answer any *four* of the following :—

(a) Enlist the objectives of family welfare.

(b) How primary health care is implemented at gross root level ?

(c) Enumerate the merits and demerits of intra-uterine contraceptive devices.

(d) Explain any *one* of the Voluntary Health Organisation of India.

(e) How water is purified at domestic level ?

(4 × 5 = 20 marks)

III. Short Answers :

(a) Mention the hazards of Ill ventilation.

(b) Write the importance of marriage counselling.

(c) List the requirements of housing for small family.

(d) What are the factors affecting poor health ?

(e) Mention the importance of rodent control.

(5 × 2 = 10 marks)

SK—0081

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

FUNDAMENTALS OF NURSING

Time : Three Hours Maximum : 80 Marks

Note.—(1) *Answer Section A and Section B in* **separate** *answer-books.*
(2) *Your answer shall be specific to the questions asked.*
(3) *Draw neat and labelled diagrams wherever necessary.*

Section A

1. Long Essay :
   (a) Define Nursing.
   (b) Name *four* roles of a nurse.
   (c) Mention the various nursing educational programmes available in India.
   (2 + 2 + 6 = 10 marks)

2. Short Essays. Answer any *four* :
   (a) State the characteristics of a profession.
   (b) Define the functions of our State Nursing Council.
   (c) Describe any *four* positions used for patients.
   (d) Mention the admission procedure of a patient.
   (e) Name the steps of a nursing process and describe any *one* in detail.
   (4 × 5 = 20 marks)

3. Short answers :
   (a) First aid in shock.
   (b) Observation of a patient.
   (c) Four types of bed linen used in the ward and their uses.
   (d) Surgical asepsis.
   (e) Comfort measures of a patient.
   (5 × 2 = 10 marks)

Section B

1. Long Essay :
   (a) Define Communication.
   (b) State *four* sources to obtain information from a patient and describe.
   (c) Mention the principles and methods of health teaching.
   (2 + 4 + 4 = 10 marks)

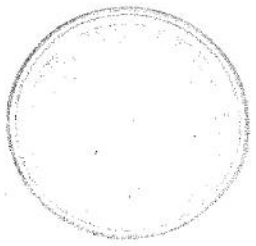
2. Short Essays. Answer any *four* :
   (a) Describe diversion therapy.
   (b) List the nursing interventions for a fever patient.
   (c) State the nurse patient relationship.
   (d) Describe nutritional needs of a patient.
   (e) Write the nurse's responsibilities, when the patient is on diuretics.
   (4 × 5 = 20 marks)

Turn over

3. Short answers :

(a) Observation and collection of stool.
(b) Nursing interventions to promote sleep.
(c) First aid in burns.
(d) Functions of a hospital.
(e) Body mechanics.

(5 × 2 = 10 marks)



SK—0082

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

PSYCHOLOGY

Time : Three Hours

Maximum : 80 Marks

Note.—(1) *Answer Section A and Section B in* **separate** *answer-books.*
(2) *Your answers shall be specific to the questions asked.*
(3) *Draw neat and labelled diagrams wherever necessary.*

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Section A

1. Long Essay :

   Discuss the importance of psychology for a nursing student. (10 marks)

2. Short Essays :

   (a) Explain the characteristics of Type A and Type B personality types.
   (b) Does the method of introspection have any role in dealing with the patients in the ward ? Explain.
   (c) Discuss the general pattern of growth and development.
   (d) Explain the influence of illness on the physiological motives of a patient.
   (e) Describe the components of attitude.

   (5 × 4 = 20 marks)

3. Short Answers :

   (a) Explain ego-defense mechanism called compensation.
   (b) Mention merits and demerits of competion.
   (c) Mention the steps involved in counselling.
   (d) List the objective factors that determine attention.
   (e) Explain approach-avoidence conflict.

   (5 × 2 = 10 marks)

Section B

1. Long Essay :

   Define educational psychology and discuss its significance to nursing. (10 marks)

2. Short Essays :

   (a) What is special education ? Explain its nature and goals.
   (b) Explain what is meant by individual differences.
   (c) Explain the influence of "interference effect" on forgetting.
   (d) Discuss present status of intelligence tests.
   (e) Describe schedules of reinforcement.

   (5 × 4 = 20 marks)

3. Short answers :

   (a) List the methods of educational psychology.
   (b) Describe any *one* of the attitude scales.
   (c) Enlist characters of an efficient teacher.
   (d) Explain the role of language in thought process.
   (e) Explain method of observation.

   (5 × 2 = 10 marks)

SK—0080

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

PHYSIOLOGY including BIO-CHEMISTRY

Time : Three Hours Maximum : 80 Marks

Section A (Physiology)

I. **Long Essay :**

Name the Thyroid Hormones. Describe their actions. Add a note on cretinism.

(10 marks)

II. **Short Essays.** Answer any *four* :

(a) Write the composition and functions of Pancreatic juice.
(b) List the functions of Leucocytes.
(c) Define Venous return. Mention the factors that influence it.
(d) Enumerate the functions of skin.
(e) Outline any *two* methods of Artificial respiration.

(4 × 5 = 20 marks)

III. **Short Answers :**

(a) List any *four* properties of reflexes.
(b) Name any *one* sensory tract in the spinal cord, with its function(s).
(c) Enumerate any *four* changes during muscular exercise.
(d) Give the basis for pregnancy diagnostic test.
(e) What is the daily normal urinary output ? Define "Polyuria", with an example.

(5 × 2 = 10 marks)

Section B (Bio-chemistry)

I. **Long Essay :**

What is the normal range of glucose in blood after an overnight fast ? Discuss the regulation of blood glucose.

(10 marks)

II. Write short essays on any *four* :

(a) What is the biological significance of DNA ?
(b) What are the functions of Niacin ?
(c) Describe Glycolysis in liver.
(d) On what basis the mitochondria is described as "The Power House of the Cell" ?
(e) Phospholipids.

(4 × 5 = 20 marks)

Turn over

III. Short Answers :

(a) (i) What is the daily dietary requirement of vitamin C for a normal adult ?
(ii) Name a cheap source of provitamin A in diet.
(iii) Name the coenzymes of riboflavin.
(iv) Name the fulphur containing dietary essential amino acid.
(b) Name any *four* compounds synthesised from Cholesterol.
(c) Why a low sodium diet is prescribed for a hypertensive patient ?
(d) Why is parboiled rice nutritionally superior to raw rice ?
(e) Name the following :—
(i) The lipoprotein which returns cholesterol to liver.
(ii) The coenzymes required by transaminases.

$(5 \times 2 = 10$ marks)

SK—0083

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1998

NUTRITION

Time : Three Hours Maximum : 80 Marks

Answer Section A and Section B in **separate** *answer-books.*
Your answer shall be specific to the questions asked.

Section A

1. Long Essay :

   Mention food classification according to chemical composition and write functions, sources and deficiencies of proteins.

   (10 marks)

2. Short Essay. Answer any *four* :
   (a) Define balanced diet, plan high cost balanced diets for pre-school children.
   (b) Write physiological functions of Vitamin A and D.
   (c) Discuss effects of cooking on all food groups.
   (d) What are the objectives of applied nutrition programme ?
   (e) What are the various methods of diet survey ?

   (4 × 5 = 20 marks)

3. Short answers :
   (a) Vitamin C.
   (b) Define Malnutrition.
   (c) Define Nutrients.
   (d) Characteristics of lipids.
   (e) Toxic effects of excess of fluorine in human beings.

   (5 × 2 = 10 marks)

Section B

1. Long Essay :

   Write essay on effects of socio-economic factors on food pattern and food habits.

   (10 marks)

2. Short Essay. Answer any *four* :
   (a) Write functions of minerals.
   (b) Differences between Kwashorkor and Marasmus.
   (c) F.A.O.
   (d) What are the deficiency conditions of Vitamin D.
   (e) Relation of nutrition to health.

   (4 × 5 = 20 marks)

3. Short answers :
   (a) Define Steaming, Backing.
   (b) How and where is iron storeo in the body ?
   (c) Effects of imbalance of niacin.
   (d) Functions of phosphorus.
   (e) Dietary sources of calcium.

   (5 × 2 = 10 marks)

5

SK—0277

SECOND YEAR B.Sc. (NURSING) (BASIC) DEGREE EXAMINATION, 1998

SOCIOLOGY

Time : Three Hours

Maximum : 80 Marks

Your answer shall be specific to the question asked.
Draw neat and labelled diagram wherever necessary.

I. Long Essay :

1 Explain with examples how knowledge of sociology can be applied in nursing care of patients.

2 Explain the health consequences of delinquency and low social status of women.

(10 + 10 = 20 marks)

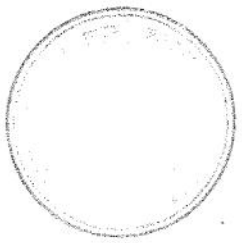
II. Short Essays : Answer any *eight* of the following :—

1 Influence of society on human health.
2 Explain the advantages of competition.
3 How socialization takes place through the family ?
4 Explain the functions of secondary groups.
5 Explain the laws that protect the rights of women.
6 Health effects on the backward castes due to the caste system.
7 Reasons for low social status of women.
8 Mores as a means of social control.
9 Health consequences of social change in India.
10 Measures to promote social mobility among women.

(8 × 5 = 40 marks)

III. Explain the meaning of the following concepts :—

1 Child centred family.
2 Tribe.
3 In-groups.
4 Diffusion of culture.
5 Assimilation.
6 Social diseases.
7 Social disorganisation.
8 Culture lag.
9 Social planning.
10 Social system.



(10 × 2 = 20 marks)

7

SK—0277

SECOND YEAR B.Sc. (NURSING) (BASIC) DEGREE EXAMINATION, 1998

SOCIOLOGY

Time : Three Hours

Maximum : 80 Marks

Your answer shall be specific to the question asked.
Draw neat and labelled diagram wherever necessary.

I. Long Essay :

1 Explain with examples how knowledge of sociology can be applied in nursing care of patients.

2 Explain the health consequences of delinquency and low social status of women.

(10 + 10 = 20 marks)

II. Short Essays : Answer any *eight* of the following :—

1 Influence of society on human health.
2 Explain the advantages of competition.
3 How socialization takes place through the family ?
4 Explain the functions of secondary groups.
5 Explain the laws that protect the rights of women.
6 Health effects on the backward castes due to the caste system.
7 Reasons for low social status of women.
8 Mores as a means of social control.
9 Health consequences of social change in India.
10 Measures to promote social mobility among women.

(8 × 5 = 40 marks)

III. Explain the meaning of the following concepts :—

1 Child centred family.
2 Tribe.
3 In-groups.
4 Diffusion of culture.
5 Assimilation.
6 Social diseases.
7 Social disorganisation.
8 Culture lag.
9 Social planning.
10 Social system.

(10 × 2 = 20 marks)