SC—1981

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

SOCIOLOGY

(1998-99 Batch)

Time : Three Hours

Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Define Social Change. Discuss briefly the various factors of social change with suitable examples.

2 What is Family ? Describe the types and functions of family and the changes occurred in the modern family.

3 Define Class and Caste. Discuss the Caste system in India.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Describe the origin and development of social medicine. What is its application in Nursing ?

5 Differentiate Society and Community.

6 Enumerate the social processes and their uses in society.

7 Describe social stratification and show its peculiar nature in India.

8 Discuss briefly the Village Community, examine the merits and demerits.

9 Briefly examine the Social Welfare Planning in India.

10 Describe the sociological research methods used in nursing profession.

11 Define Malthusian theory. How is it applicable in the Indian population ?

12 Write a short essay on Family in health care.

13 Describe the social control methods in the society.

(8 × 5 = 40 marks)

III. Short Answers :

14 Medico-social service.

15 Urban social problems.

16 Competition and conflict.

17 Social disorganisation.

18 Culture.

19 Social groups.

20 Social distance and social mobility.

21 Rural development.

22 Tribal welfare.

23 Individualisation.

(10 × 2 = 20 marks)

23

SC—1979

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

NUTRITION

(1996-97 and 1997-98 Batches)

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Define Balanced Diet. What factors you would consider while planning a Balanced diet ?

2 What is Nutritional Care ? As a Nurse, what is your role in Nutritional Care ?

3 Nutrition as health problem in India—Discuss.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 What is the role of foods in Health and Disease ?

5 What are the functions of proteins in our body ?

6 Diet during lactation.

7 Applied Nutrition Programme.

8 Nutritional classification of foods.

9 Menu plan for school going child.

10 List the deficiency signs and symptoms of iron in our body.

11 Write the classification of carbohydrates with suitable examples.

12 What are the factors favouring and interfering with the absorption of calcium ?

13 List and write about the main nutritional problems which our country is facing today.

(8 × 5 = 40 marks)

III. Short Answers :

14 Definition of Nutrition and Dietetics.

15 Vitamin A Prophylaxis Programme.

16 What foods you will include in the diet of the patient suffering from vitamin C deficiency ?

17 What are the important sources of Thiamine ?

18 What is pernicious anaemia ?

19 What is malnutrition ?

20 What is Rica ?

21 Weaning foods.

22 How does family size influence the nutritional status of a person ?

23 Define Steaming and Baking.

(10 × 2 = 20 marks)

98

SC–1979

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

NUTRITION

(1996–97 and 1997–98 Batches)

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23 Define Steaming and Baking.

(10 × 2 = 20 marks)

(99)

SC–1981

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

SOCIOLOGY

(1998–99 Batch)

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Draw neat and labelled diagrams wherever necessary.

I. Long Essays. Answer any *two* questions :

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2 What is Family ? Describe the types and functions of family and the changes occurred in the modern family.

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19 Social groups.

20 Social distance and social mobility.

21 Rural development.

22 Tribal welfare.

23 Individualisation.

(10 × 2 = 20 marks)

FR. MULLER MEDICAL COLLEGE CENTRAL LIBRARY

IST YEAR - MODEL EXAMINATION

Fundamentals of Nursing including First aid, Physics & Chemistry

Marks : 75
Time : 3 hours
Date : 16-06-2000

I. State whether the following statement are true or false (1 x 5 = 5)

a) In cardiac bed a narrow mackintosh is used
b) Soap lowers the surface tension of water
c) Specific gravity of urine is recorded by means of thermometer
d) Thermometer is washed in boiled water
e) Hypoxia denotes low level of oxygen in the blood.

II. Fill in the blanks (1 x 5 = 5)

a) 104°F is equal to ----- o centigrade
b) Sudden decline of fever is termed as .....
c) Enema given to expel gas is known as .....
d) Glycerine has ..... action
e) Feeling apart ~~with~~ the hand is termed as .....

III Match the following (1 x 10 = 10)

a) Halitosis	Infection
b) Stertorous breathing	Rapid pulse rate
c) Sepsis	Amputation bed
d) Epistaxis	Decrease quantity of urine
e) Orthopnoea	Normal breathing
f) Tachycardia	vomiting of blood
g) Bed craddle	Bad breath
h) Eupnoea	Voiding in bed
i) Enuresis	Inability to breath in lying down
j) Oliguria	Noisy snoring inspiration
	Bleeding through the nose.

IV. Write short notes on any three of the following (5 x 3 = 15)

a) Care of dying patient b) Hospital
c) Care of thermometers d) Feeding of a helpless patient.

V. a) Define steam inhalation
b) What are the purposes of steam inhalation
c) Describe in detail the nurses responsibility in giving steam inhalation by Nelson's inhaler (15)

OR

Define bed bath
Mention the purposes
Mention the scientific principles of the above
Explain the nurses

VI. a) Explain the purposes and rules of bandaging (5)
b) Explain the first aid in haemorrhage (5)
c) Explain the first aid measures in burns (5)

VII. Definethe following (1 x 5 = 5)

a) Nursing b) Sound c) Dandruff
d) Specific gravity e) Blood pressure

VIII. Expand the following (1 x 5 = 5)

a) PRN b) WHO c) BCG d) CCU e) INC

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"""""""
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SC–1981

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

SOCIOLOGY

(1998–99 Batch)

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Define Social Change. Discuss briefly the various factors of social change with suitable examples.

2 What is Family ? Describe the types and functions of family and the changes occurred in the modern family.

3 Define Class and Caste. Discuss the Caste system in India.

(2 × 10 = 20 marks)

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4 Describe the origin and development of social medicine. What is its application in Nursing ?

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6 Enumerate the social processes and their uses in society.

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15 Urban social problems.

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19 Social groups.

20 Social distance and social mobility.

21 Rural development.

22 Tribal welfare.

23 Individualisation.

(10 × 2 = 20 marks)

46

SC—1980

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

MICROBIOLOGY

(1998–99 Batch)

Time : Three Hours

Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Discuss in detail about hospital infection and add a note on control of hospital infection.

2 Name the organisms Causing Meningitis. Describe the Laboratory Diagnosis of Bacterial Meningitis.

3 Define and classify Immunity. Describe innate immunity.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Entric fever.

5 Prophylaxis of rabies virus infection.

6 Bacterial spore.

7 Autoclave.

8 Mycotic infections.

9 Staphylococcus Aureus.

10 Hepatitis B virus.

11 Fumigation.

12 Agglutination reaction.

13 Bacterial toxins.

(8 × 5 = 40 marks)

III. Short Answers :

14 Pasteurisation.

15 Anaerobic media.

16 Sterilisation control.

17 Name *two* disinfectants in the Aldehyde group.

18 Name *two* liquid culture media.

19 Name *two* malarial parasites.

20 M.M.R. vaccine.

21 Name *two* zoonotic diseases.

22 Immunoglobulin–G.

23 Mantoux test.

(10 × 2 = 20 marks)

45

SC—1979

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

NUTRITION

(1996–97 and 1997–98 Batches)

Time : Three Hours | Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Define Balanced Diet. What factors you would consider while planning a Balanced diet ?
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3 Nutrition as health problem in India—Discuss.

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II. Short Essays. Answer any *eight* questions :

4 What is the role of foods in Health and Disease ?
5 What are the functions of proteins in our body ?
6 Diet during lactation.
7 Applied Nutrition Programme.
8 Nutritional classification of foods.
9 Menu plan for school going child.
10 List the deficiency signs and symptoms of iron in our body.
11 Write the classification of carbohydrates with suitable examples.
12 What are the factors favouring and interfering with the absorption of calcium ?
13 List and write about the main nutritional problems which our country is facing today.

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15 Vitamin A Prophylaxis Programme.
16 What foods you will include in the diet of the patient suffering from vitamin C deficiency ?
17 What are the important sources of Thiamine ?
18 What is pernicious anaemia ?
19 What is malnutrition ?
20 What is Rica ?
21 Weaning foods.
22 How does family size influence the nutritional status of a person ?
23 Define Steaming and Baking.

(10 × 2 = 20 marks)

SC–1978-A

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

INTRODUCTION TO COMMUNITY HEALTH NURSING

(Revised Scheme)

[For 1998–99 Batch and onwards]

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 As a Community Health Nurse, how will you help in the control of Tuberculosis ?

2 Write in detail about organizing Health Education Programme regarding immunization.

3 Write the principles of Health Education and what is the role of Community Health Nurse in planning and implementing Health Education.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Epidemiological triad.

5 Population.

6 Nutritional supplements.

7 Sanitation of festival.

8 Housing.

9 Primary Health Care.

10 Determinants of health.

11 Family as one unit.

12 Health status in India.

13 Air pollution.

(8 × 5 = 40 marks)

III. Short Answers. State the meaning.

14 Infant mortality rate.

15 Weaning.

16 Ventilation.

17 Soakage pit.

18 Rehabilitation.

19 Hepatitis-B-vaccination.

20 Carriers.

21 Case holding.

22 Planning.

23 Feedback.

(10 × 2 = 20 marks)

SC–1978

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

INTRODUCTION TO COMMUNITY HEALTH NURSING

(For 1996-97 and 1997-98 Batch only)

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Define Primary Health Care. Briefly discuss the Nurse's role in Primary Health Care.

2 List the major health problems in India. Explain the Government programmes to prevent communicable disease in India.

3 Define Sewage. How will you dispose human excreta safely in rural areas ?

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Development of Community Health Nursing.

5 Disease concept.

6 Community block development.

7 National Health Policy.

8 Mosquito control measures.

9 Housing and Health.

10 Bhore Committee Report.

11 Food hygiene.

12 Role of Voluntary Organizations in health care delivery.

13 Health team.

(8 × 5 = 40 marks)

III. Short Answers :

14 Training of local dais.

15 Tertiary level care.

16 Soak pit.

17 Nyaya Panchayath.

18 House fly.

19 Scabies.

20 Measurement of light.

21 Disposal of dead.

22 Ground water.

23 Intrauterine device.

(10 × 2 = 20 marks)

SC–1977

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY

(Old Scheme)

[For 1996–97 and 1997–98 Batch only]

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 What is Personality ? Discuss the various trait compositions necessary to have effective nurse-patient relationship.

2 What is the nature and causes of individual differences ?

3 Define Learning. Discuss the various types and conditions of learning.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Explain the methods in Educational Psychology.

5 Discuss the salient factors of sensation and perception.

6 Discuss the different states of emotions.

7 Define Mental Deficiency and enumerate the different types of mental deficiencies.

8 Discuss the development of concepts and skills.

9 What is IQ ? Discuss the present status of intelligence tests.

10 What are the characteristics of effective teaching ?

11 Trace the development and modification of attitudes.

12 What are emotions ? Discuss their influencing factors on health.

13 Discuss methods that improve memory.

(8 × 5 = 40 marks)

III. Short Answers :

14 What are the errors in thinking ?

15 What is attention ?

16 What are biological motives ?

17 What is extra-sensory perception ?

Turn over

18 Define Forgetting.

19 What is observation ?

20 What is the experimental method ?

21 List the laws of learning.

22 Give *two* examples of intelligence tests.

23 Define Attitude.

(10 × 2 = 20 mark

42

SC—1977-A

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY

(New Scheme)

[For 1998–99 Batch and onwards]

Time : Three Hours | Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Define Psychology. Describe the different methods of psychology and its application to the nursing profession.

2 Write an essay on the different types of personality and the methods of assessment of personality.

3 Mention briefly the characteristics of an effective teacher and describe the professional growth of a teacher.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Enumerate and explain the determinants of attention.

5 Briefly describe the organization of personality.

6 Examine the present status of intelligence tests.

7 Bring out the relationship between Educational Psychology with other subjects.

8 Describe the laws of learning and their educational implications.

9 Mention the meaning and nature of forgetting.

10 What is thinking ? Describe the types of thinking.

11 Examine the development of attributes. How does the study of attributes help nurses ?

12 How will you assess the achievements ?

13 What do you mean by "Conditioning" and "Learning by insight" ? How far it is useful in education ?

(8 × 5 = 40 marks)

III. Short Answers :

14 Span of attention.

15 Ego.

16 Defence mechanism.

17 Social motives.

18 Split personality.

19 Individual differences.

20 Trial and error.

21 Objective type tests.

22 Attributes and behaviour.

23 Problem solving.

(10 × 2 = 20 marks)

41

SC–1976

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

FUNDAMENTALS OF NURSING

(1996-97 and 1997-98 Batch only)

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Describe the Nurse's role in the care of the sick regarding Nutrition.

2 List the methods of inducing natural urination for a patient.

3 Discuss "The Nursing is a Profession".

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 List *ten* principles of inter-personal relationship.

5 List the role of the Nurse as a member of the health team.

6 List the importance of communication in Nursing.

7 State the methods of cross infection in a ward.

8 State briefly the care of a patient's unit.

9 What are the main points to be followed while moving a patient from bed to wheel chair ?

10 List the admission procedures of a patient in your hospital.

11 What records are maintained in a ward ?

12 List the causes of pressures sores.

13 How will you arrive at a Nursing diagnosis ?

(8 × 5 = 40 marks)

III. Short Answers. Write the meaning of the following terms :—

14 Basic needs. 15 Patient's rights.

16 Asepsis. 17 Disinfection.

18 Vital signs. 19 Arrhythmias.

20 Orthopnoea. 21 Draping.

22 Suppository. 23 Anorexia.

(10 × 2 = 20 marks)

Turn over

SC—1976-A

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

BASIC PRINCIPLES AND PRACTICE OF NURSING

(Revised Scheme)

[For 1998–99 Batch and onwards]

Time : Three Hours | Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 (a) Define Nursing process and the advantages of writing it.

(b) Briefly explain the elements of a nursing process by giving examples.

(5 + 5 = 10 marks)

2 (a) What are the various ways in which an unconscious patient can sustain physical injuries ?

(b) Explain the measures you would take to prevent injuries and promote safety for him.

(5 + 5 = 10 marks)

3 Discuss the process of feeding helpless patient. (10 marks)

[2 × 10 = 20 marks]

II. Short Essays. Answer any *eight* questions :

4 Importance of maintaining intake output chart.

5 Functions of a hospital.

6 Complications of a neglected mouth.

7 Exercise.

8 Care of body after death.

9 Principles of body mechanics.

10 First-aid to a patient with snake bite.

11 Recording and reporting.

12 Complications of blood transfusion.

13 Team nursing.

(8 × 5 = 40 marks)

III. Short Answers. Define the following :—

14 Communication.
15 Comprehensive nursing.
16 Nosocomial infection.
17 Health.
18 Blood pressure.
19 Sterilization.
20 Diuretics.
21 Nursing.
22 Gastric gavage.
23 Enema.

(10 × 2 = 20 marks)

SC—1975

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

PHYSIOLOGY including BIOCHEMISTRY

(For 1996–97 and 1997–98 only)

Time : Three Hours | Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*
Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.

Section A (Physiology)

I. Long Essays. Answer any *one* of the following :—

1 Describe in detail the mechanism of coagulation of blood.

2 Describe the Physiology of neuromuscular transmission in skeletal muscle.

(1 × 10 = 10 marks)

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

3 Explain the Cephalic phase of gastric secretion.

4 Describe briefly the neural regulation of respiration.

5 Outline the actions of insulin.

6 Classify Leucocytes. Specify their functions.

7 Explain in brief the regulation of cardiac output.

(4 × 5 = 20 marks)

III. Short Answers :

8 List the stages of Spermatogenesis.

9 Define Glomerular filtration rate, with its normal value.

10 Name any *four* hormones that regulate blood calcium level.

11 Enumerate the components of the conducting system of the heart.

12 Define (i) Active transport ; and (ii) Reflex.

(5 × 2 = 10 marks)

Section B (Biochemistry)

I. Long Essays. Answer any *one* of the following :—

1 What are Proteins ? Classify them and describe briefly biological importance of proteins.

2 Describe the renal function test.

(1 × 10 = 10 marks)

Turn over

II. Short Essays. Answer *all* questions.

3 Oral glucose tolerance test.

4 Ketone bodies.

5 Classification of proteins.

6 Ascorbic acid.

(4 × 5 = 20 marks)

III. Short Answers :

7 Sources and daily requirements of vitamin A.

8 What are essential fatty acids ? Name them.

9 Name the major plasma lipoproteins.

10 What is the normal pH of blood ? Name *two* plasma buffers.

11 What is the function of 1, 25 Dihydroxy cholecalciferol ?

(5 × 2 = 10 marks)

37

SC—1974-A

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

ANATOMY

(New Scheme—Revised Scheme)

[For 1998-99 batch and onwards]

Time : Three Hours Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Describe the situation, structure and function of thyroid gland.

2 Describe the *four* chambers of heart.

3 Draw a diagram of cut section of kidney and describe the parts and histology.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Portal vein and portocaval anastomosis.

5 Appendix and its importance.

6 Anatomy of urinary bladder.

7 Situation, parts and function of gall bladder.

8 Structure of testis.

9 Situation, structure and importance of thymus.

10 Classification of muscle tissue with examples.

11 Organ of corti.

12 Meninges of brain.

13 Bronchopulmonary segments.

(8 × 5 = 40 marks)

III. Short Answers :

14 Collagen fibres.

15 Thoracic cage.

16 Shoulder joint.

17 Islets of Langerhans.

18 Lens.

19 Quadriceps femoris.

20 Lobes of cerebrum.

21 Salivary glands.

22 Palate.

23 Uterus.

(10 × 2 = 20 marks)

SC–1974

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2002

ANATOMY

(Old Scheme)

[For 1996–97 and 1997–98 batch only]

Time : Three Hours

Maximum : 80 Marks

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

I. Long Essays. Answer any *two* questions :

1 Name the endocrine glands. Describe the thyroid gland and its blood supply.

2 Describe the blood supply to the heart.

3 Name the parts of Female Reproductive system and describe the anatomy of uterus.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* questions :

4 Male urethra.

5 Pancreas and its microscopic structure.

6 Arterial supply of face.

7 Right lung.

8 Spleen.

9 Intrinsic muscles of Larynx.

10 Pituitary gland.

11 Elastic cartilage.

12 Structure of skin.

13 Draw labelled diagram of cross-section of spinal cord.

(8 × 5 = 40 marks)

III. Short Answers :

14 Ear ossicles.

15 Prostate gland.

16 Nerve supply to tongue.

17 Movements of hip joint.

18 Important functional areas of cerebrum.

19 Gall bladder.

20 Mandible.

21 Structure of retina.

22 Microscopic structure of Duodenum.

23 Pleura.

(10 × 2 = 20 marks)

Turn over

36

SC—2002

FIRST YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 2002

ANATOMY AND PHYSIOLOGY

Time : Three Hours | Maximum : 80 Marks

Answer Sections A and B in **separate** *answer-books.*
Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Section A (Anatomy)

I. Long Essays : (Answer any *one*)

1 Mention the parts of the Urinary System. Describe the kidney.

2 Describe the various parts of Eye.

(1 × 10 = 10 marks)

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

3 Name the parts of the bones forming the shoulder joint. Mention the movements at this joint.

4 Write briefly on corpus luteum.

5 Name the muscles which produce flexion of knee joint and give its nerve supply.

6 Write about the action of diaphragm and its nerve supply.

7 Name the arteries which supply the heart, where do they arise from.

(4 × 5 = 20 marks)

III. Short Answers :

8 Parotid duct.

9 Cartilage.

10 Vermiform appendix.

11 Trachea.

12 Stages in mitosis.

(5 × 2 = 10 marks)

Section B (PHYSIOLOGY)

I. Long Essays : (Answer any *two*)

1 What is the normal body temperature ? Describe the regulating mechanisms that maintain it at a constant level.

2 Name the hormones of Endocrine glands and discuss the functions of pituitary glands.

(1 × 10 = 10 marks)

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

3 Menstrual cycle.

4 Middle ear functions.

5 Conduction pathway of the heart.

6 Composition and functions of gastric juice.

7 Give the normal respiratory rate. How is it regulated in the body ?

(4 × 5 = 20 marks)

III. Short Answers :

8 Define blood pressure and pulse pressure. Give their normal values.

9 What is tetany ? How is it caused ?

10 Name the antigens for "AB" and "Rh" blood groups. Write any *two* dangers of blood transfusion.

11 Functions of small intestine.

12 Explain any *two* properties of the heart.

(5 × 2 = 10 marks)

CENTRAL LIBRARY

SC—2001

FIRST YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 2002

MICROBIOLOGY

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *two*)

1 Classify bacteria. Describe the bacterial cell.

2 Define and classify hypersensitivity. Describe type-I hypersensitivity..

3 Define and classify sterilisation write in detail of moist heat method of sterilisation.

(2 × 10 = 20 marks)

II. Short Essays : (Answer any *eight*)

4 Active immunity.

5 Hospital infection.

6 Malarial parasites.

7 Gonorrhoea.

8 Immunoglobulin-A.

9 Bacteral drug resistance.

10 Japanese B Encephalitis.

11 Hepatitis viruses.

12 Acid fast stain.

13 Candida albicans.

(8 × 5 = 40 marks)

III. Short Answers :

14 Blood culture.

15 Giardia intestinalis.

16 Bubonic plague.

17 Hanging drop preparation.

18 L forms of bacteria.

19 Diplocci.

20 Transport media.

21 Water borne infections.

22 Oral polio vaccine.

23 Mantoux test.

(10 × 2 = 20 marks)

34

SC—1999

FIRST YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 2002

GENERAL AND EDUCATIONAL PSYCHOLOGY

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *two*)

1 Bring out the nature and scope of Psychology.

2 What is remembering ? Discuss in short the various types of memory. Explain what steps can be taken to develop good memory.

3 Define attitudes. Explain its nature and characteristics.

(2 × 10 = 20 marks)

II. Short Essays : (Answer any *eight*)

4 What are perceptual distributions ? Explain.

5 Concept of Evaluation.

6 The case study method in psychology.

7 Explain the importance of study of psychology to a nurse.

8 Various branches of psychology.

9 What is a concept ? Describe its development briefly.

10 Explain some personal motives with examples.

11 Present status of intelligence testing.

12 Phi-Phenomenon.

13 The teacher and the taught—Explain the relationship.

(8 × 5 = 40 marks)

III. Short Answers :

14 Forgetfulness and memory.

15 Assessment of Intelligence.

16 Illusions.

17 General mental ability.

18 Aptitude tests.

19 Tools of thinking.

20 Application of principles of psychology to Nursing.

21 Factors affecting attention.

22 Trial and Error method of learning.

23 Educational psychology and nursing.

(10 × 2 = 20 marks)

33

SC—2000

FIRST YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 2002

GROWTH AND DEVELOPMENT including REPRODUCTIVE AND CHILD HEALTH

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *two*)

1 Describe the factors which influence growth and Development.

2 Discuss how the uterus functions during labour.

3 What is your role in dealing with old-age problems ?

(2 × 10 = 20 marks)

II. Short Essays : (Answer any *eight*)

4 Write the concept of growth and development.

5 Describe the secondary sex characteristics of boys and girls during pre-adolescent stage.

6 Write about applied nutrition programme.

7 Explain the physiological changes occur during pregnancy.

8 Define maternal deprivation. List the signs and symptoms of maternal deprivation seen in an infant.

9 Describe the laws governing growth and development or the principles of growth and Development.

10 Write the advise you would give regarding diet to a pregnant mother.

11 "Breast milk is the best milk for children". Explain.

12 What are some of the immediate care of the newborn ?

13 Explain Foetal circulation.

(8 × 5 = 40 marks)

III. Short Answers :

14 List *four* indications for doing amniocentesis.

15 Write *four* important positive signs of pregnancy.

16 Define reflex. Explain how you would elicit moro reflex in an infant.

17 What are the aims of prenatal care ?

18 List the common accidents encountered by toddlers.

19 List *four* important healm problems of an elderly.

20 List *four* important social problems of an adolescent.

21 List the criteria used in apgar score.

22 List *four* purposes of piay.

23 What is the birth weight (average) of an newborn ?
When does the baby doubles the birth weight ?

(10 × 2 = 20 marks)

32

SC—2003

FIRST YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 2002

CONCEPTS AND COMPONENTS OF NURSING

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *two*)

1 "Nursing in India, is an evolving profession"—Discuss.

2 "Man is a Bio-Psycho-Social Being"—Justify.

3 Analyse the scientific principles involved in the procedure of Gastric Gasage.

(2 × 10 = 20 marks)

II. Short Essays : (Answer any *eight*)

4 The Rehabilitation team.

5 Culture effects on behaviour.

6 Basic human needs.

7 Nursing care plan.

8 Evaluation of care given.

9 Importance of scientific principles in nursing.

10 Reporting and recording.

11 Communication process.

12 Inter personal relationship in nursing.

13 Team nursing.

(8 × 5 = 40 marks)

III. Short Answers :

14 Collection of data.

15 Subjective observation.

16 Nurse.

17 Nursing.

18 Community health.

19 Health care delivery system.

20 Health teaching.

21 Definition of principles.

22 Definition of communication.

23 Definition of problem.

(10 × 2 = 20 marks)

SC—2004

FIRST YEAR B.Sc. NURSING (POST-CERTIFICATE) DEGREE EXAMINATION, 2002

SOCIOLOGY

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *two*)

1 Describe competition as a social process. Explain the merits and demerits of competition.

2 Describe the functions of family. Point out the problems of modern family.

3 Explain the role of religion as social control agency.

(2 × 10 = 20 marks)

II. Short Essays : (Answer any *eight*)

4 Bring out the features of community.

5 Point out the stages of socialization.

6 Mention the forms of Accommodation.

7 How are groups classified ?

8 Distinguish between Polygamy and Polyandry.

9 What is Line settlement ? Draw diagram for line settlement.

10 Point out the types of migration.

11 How does Ascribed status differ from Achieved status ?

12 Explain the role of Folkways.

13 Point out a few theories of Social change.

(8 × 5 = 40 marks)

III. Short Answers :

14 Define Socialization.

15 What is direct co-operation ?

16 Give examples of Primary group.

17 Define Audience.

18 Cultural-lag.

19 Define Monogamy.

20 Mention any *two* racial types.

21 Who is a Juvenile delinquent ?

22 Rhythm method.

23 Agents of Public Opinion.

(10 × 2 = 20 marks)