4

SC – 0593

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

SOCIOLOGY

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Explain the adverse effects of caste. What are its consequences on health ?

2 Discuss the social causes of population explosion. What are its effects on health ?

3 Explain the process of socialization.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Characteristics of in-groups.

5 Health problems of village community.

6 Influence of religious practices on health.

7 Types of social system.

8 Crowd behaviour.

9 Health problems of tribals.

10 Role of nurses in society.

11 Family's role in health of the children.

12 Consequences of poverty.

13 Health hazards of alcoholism.

(8 × 5 = 40 marks)

III. Short Answers :

14 Write any *two* specific beliefs in Indian culture which has adverse health effects.

15 Write any *two* specific beliefs in Indian culture which have benificial health effects.

16 What are the adverse health effects of child marriage ?

17 What is emotional quotient ?

18 Explain "life style".

19 How women are benifited by Hindu Succession Act ?

20 What are the advantages of monogamy ?

21 Explain sarroral polyginy.

22 What is social telesis ?

23 Health effects of social isolation.

(10 × 2 = 20 marks)

21

(1)

SC—0585

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

NUTRITION

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 "How adequate nutrition will become the foundation of health" ? Discuss.

2 What is malnutrition and list out the signs and symptoms of malnutrition in children ? Discuss the measures to be taken to prevent malnutrition of family level.

3 Critically examine the role of diet in old age and plan menu for them.

(2 × 10 = 20 marks)

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

4 What are the different households methods used for preservation of food ?

5 What is food and write the main functions of food in our body ?

6 What are the deficiency conditions of Vitamin A ? Give the sources of Vitamin A.

7 List the functions of carbohydrates.

8 What are the objectives of planning a menu to an infant ?

9 How can a nutritional anaemia prevented ?

10 What are the effects of milling of rice ?

11 What are the principles involved in organising a school meal programme ?

12 How kitchen gardens improve the diet of the family ?

13 Briefly explain the deficiency of pyridoxine.

(8 × 5 = 40 marks)

III. Short Answers :

14 What are the effects of cooking on green leafy vegetables ?

15 What should be the nature of diet in diarrhoeal diseases ?

16 What is the caloric requirement of a preschool child ?

17 How parboiling preserve the nutritive value of rice ?

18 What is the daily requirement of calcium for a pregnant and lactating women ?

19 What is the protein requirement of an infant ?

20 Define "Beri-Beri".

21 Give reason why vegetables are to be cut in as big pieces.

22 What is the caloric requirement of a pregnant women ?

23 What is balanced diet ?

(10 × 2 = 20 marks)

22

(Pages : 2) SK – 0353

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

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 :

1 Explain the effects of a large family on malnutrition, anaemia and other illness in family

2 What is meant by Recommended Dietary Allowances (RDA) ? How do you plan a balanced diet for pregnant women ? Give the RDA for the pregnant women.

(2 × 10 = 20 marks)

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

1 What points would you keep in mind while purchasing and storing foods in your house ?

2 Write dietary sources, deficiency and physiological functions of Vitamin D.

3 List out the various international agencies involved in improving the nutritional status of the community

4 Write structure, properties of proteins.

5 Write recommended daily allowances of nutrients for Indians.

6 Mention effects of imbalance of lipids in the diet and write sources of lipids.

7 List out different ways of food classification.

8 What are the international agencies working under Applied Nutrition Programmes ? Briefly write about them.

9 Give the list of daily allowance of nutrients for old people.

10 List out and write briefly about local agencies working in your State against Community Nutrition Development Programme.

(8 × 5 = 40 marks)

III. Short Answers :

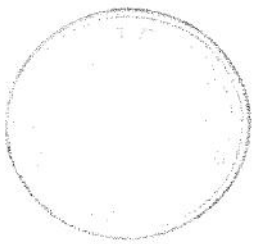
(a) Define essential and non-essential amino acids.

(b) Write sources of *calcium*.

(c) Pattern of school lunch in India.

(d) Define Obesity.

(e) Functions of Vitamin B_{12}.



Turn over

28

SK – 0355

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MICROBIOLOGY

Time : Three Hours Maximum : 80 Marks

I. Long Essays :

1 Describe the structure of a bacterial cell.

2 Define Immunity. Classify immunity. Write about active immunity.

(2 × 10 = 20 marks)

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

1 Anaerobic culture.

2 Endo toxins.

3 HIV.

4 Cross infection.

5 Theatre sterilisation.

6 IgG.

7 Autoclave.

8 Candida albicans.

9 Robert Koch.

10 Rhabdo viruses.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Transport media.

(b) DPT.

(c) High Titre Sera.

(d) Hot air oven.

(e) Ethylene oxide.

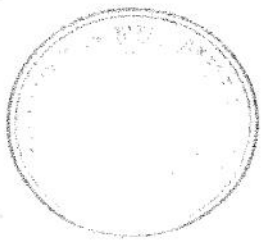
(f) Tyndalisation.

(g) Inclusion body.

(h) Water bath.

(i) Hydatid cyst.

(j) Microfilaria.



(10 × 2 = 20 marks)

30

SC – 0594

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MICROBIOLOGY AND PARASITOLOGY

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Define antigen antibody reaction. Mention various types of antigen antibody reactions. Write briefly about widal test.

2 Discuss the morphology, cultural characters and laboratory diagnosis of vibrio cholerae.

3 Define sterilisation. Classify sterilasation. Mention various methods of moist heat sterilisation.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Toxoplasma gondil.
5 L.D. bodies.
6 Toxins of staphylococcus aureus.
7 Bacteriophage.
8 IgE.
9 Anti-rabies vaccines.
10 Madura foot.
11 Polio virus.
12 Ziehl-Neelsen's stain.
13 Hemophilus Ducreyi.

(8 × 5 = 40 marks)

III. Short Answers :

14 Cryptococcus.
15 White mice.
16 L forms.
17 Black water fever.
18 Tsetse fly.
19 MMR vaccine.
20 Convalescent carrier.
21 B cell.
22 Gas gangrene.
23 Hydrophobia.

(10 × 2 = 20 marks)

39

SC—0636

SECOND YEAR B.Sc. NURSING (POST CERTIFICATE) DEGREE EXAMINATION, 1999

COMMUNITY HEALTH NURSING

Time : Three Hours Maximum : 80 Marks

Instructions to Candidates :

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

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

(3) *Answer the questions completely in one place only.*

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

1 (a) Define Family Welfare.

(b) Explain briefly the role of a nurse in family welfare programme.

2 (a) Define Community Health Nursing.

(b) Explain the principles of community health nursing.

3 (a) List the water borne diseases.

(b) Write the methods of water purification in rural areas.

(2 × 10 = 20 marks)

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

4 Community nursing process.

5 Principles of health education.

6 Records and reports.

7 National health policy.

8 Water borne diseases.

9 Reproductive health and child health.

10 Malaria a major health problem in India.

11 School health programme.

12 Supervisory responsibilities of a community health nurse.

13 Advantages of home visits.

(8 × 5 = 40 marks)

III. Short Answers :

14 Health education.

15 Define Health.

16 Primary health care.

17 Staff evaluation.

18 Health survey.

19 Team approach.

20 Supervision.

21 Guidance and counselling.

22 Field trip.

23 Rockfeller foundation.

(10 × 2 = 20 marks)

48

SC—063

SECOND YEAR B.Sc. NURSING (POST CERTIFICATE) DEGREE EXAMINATION, 1999

MENTAL HEALTH NURSING

Time : Three Hours

Maximum : 80 Mark

Instructions to Candidates :

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

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

(3) *Answer the questions completely in one place only.*

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

1 Define Electroconvulsive therapy. Discuss its type, indications and contraindications. Explai nurses role in pre, during after ECT to a psychiatric patient.

2 Define Psychosis. Discuss oetiology and the dynamics of schizophrenic disorder. Explai nurses role in managing the patient diagnosed with paranoid schizophrenia.

3 List various therapies used in treating mental disorders. Describe the role of a nurse in modifie ECT.

(2 × 10 = 20 marks)

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

4 Hypnosis.

5 Token economy.

6 Truancy.

7 Therapeutic nurse patient relationship.

8 Hypnosis.

9 Current trends in mental health nursing.

10 Nursing model.

11 Temporal lobe epilepsy.

12 Conduct disorder.

13 National Mental Health Programme in India.

(8 × 5 = 40 marks)

III. Short Answers :

14 Non-verbal communication.

15 Persecutory delusion.

16 Alcoholic anonymus clinic.

17 Korsakoff's syndrome.

18 Voyeurism.

19 Insight.

20 Suicide.

21 Lithium.

22 Anorexia nervosa.

23 Conflict.

(10 × 2 = 20 marks)

SC—0582

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

PHYSIOLOGY including BIOCHEMISTRY

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.
Answer Section A and B in **separate** *answer books.*

Section A (Physiology)

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

1 Define cardiac output. Describe how it is regulated.

2 Describe the composition, functions and regulation of secretion of pancreatic juice.

(1 × 10 = 10 marks)

II. Short Essays. Answer any *four* :

3 Explain the source and actions of anti-diuretic hormone.

4 Outline the functions of platelets.

5 Draw and explain the normal oxygen-hemoglobin dissociation curve.

6 Describe briefly the process of excitation-contraction coupling in skeletal muscle.

7 Enumerate the functions of small intestine. Explain any *one* of them.

(4 × 5 = 20 marks)

III. Short Answers :

8 Name any *four* gastro intestinal hormones.

9 Functions of erythrocytes.

10 Name any *two* motor tracts, with their functions.

11 List the functions of middle ear.

12 Enumerate the functions of testis.

(5 × 2 = 10 marks)

Section B (Biochemistry)

I. Long Essays. Write any *one* :—

1 Write an essay on essential nutrients.

2 Describe glycogen metabolism in liver in the fed and fasting state.

(1 × 10 = 10 marks)

II. Short Essays. Answer any *four* :

3 Poly saccharides.

4 Digestion and absorption of lipids.

Turn over

5 Cholesterol.

6 Test for bile pigments.

7 Blood urea.

(4 × 5 = 20 marks)

III. Short Answers :

8 Primary structure of protein.

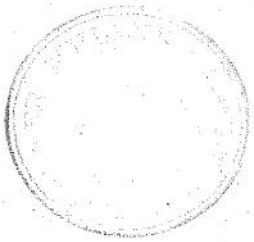
9 Name two non-protein nitrogenous substances.

10 Name deficiency disorders caused by vitamin C and niacin.

11 What is normal blood sugar level and blood urea level ?

12 Name *two* phospholipids.

(5 × 2 = 10 marks)



SC—0584

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

PSYCHOLOGY including EDUCATIONAL PSYCHOLOGY

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Explain about ego-defense mechanisms. Explain any *two* with examples.

2 Explain the role of environment in causing individual differences.

3 Discuss the scope of educational psychology.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 List classification of personality types and explain any *one* of them.

5 Compare method of observation with experimental method.

6 What is frustration ? List common sources of frustration.

7 Discuss the principles of mental hygiene in adolescence.

8 Compare and contrast physiological motives with personal motives.

9 Explain the significance of educational psychology in the field of nursing.

10 Discuss the role of environment in determining individual differences in intelligence.

11 Briefly discuss the development of attitude.

12 Explain "Short term" and "Long term" memory functions.

13 Enumerate different forms of learning.

(8 × 5 = 40 marks)

III. Short Answers :

14 What is concept ?

15 List the physiological changes during emotional state.

16 List the steps involved in creative thinking.

17 What is perception ?

18 Mention advantages and disadvantages of intelligence tests.

19 List the methods to improve memory.

20 Mention the comparison between classical conditioning and operant conditioning.

21 What is two-factor theory of intelligence ?

22 Mention the steps of reasoning.

23 Enlist the characteristics of efficient teacher.

(10 × 2 = 20 marks)

SC—0585

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

NUTRITION

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 "How adequate nutrition will become the foundation of health" ? Discuss.

2 What is malnutrition and list out the signs and symptoms of malnutrition in children ? Discuss the measures to be taken to prevent malnutrition of family level.

3 Critically examine the role of diet in old age and plan menu for them.

(2 × 10 = 20 marks)

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

4 What are the different households methods used for preservation of food ?

5 What is food and write the main functions of food in our body ?

6 What are the deficiency conditions of Vitamin A ? Give the sources of Vitamin A.

7 List the functions of carbohydrates.

8 What are the objectives of planning a menu to an infant ?

9 How can a nutritional anaemia prevented ?

10 What are the effects of milling of rice ?

11 What are the principles involved in organising a school meal programme ?

12 How kitchen gardens improve the diet of the family ?

13 Briefly explain the deficiency of pyridoxine.

(8 × 5 = 40 marks)

III. Short Answers :

14 What are the effects of cooking on green leafy vegetables ?

15 What should be the nature of diet in diarrhoeal diseases ?

16 What is the caloric requirement of a preschool child ?

17 How parboiling preserve the nutritive value of rice ?

18 What is the daily requirement of calcium for a pregnant and lactating women ?

19 What is the protein requirement of an infant ?

20 Define "Beri-Beri".

21 Give reason why vegetables are to be cut in as big pieces.

22 What is the caloric requirement of a pregnant women ?

23 What is balanced diet ?

(10 × 2 = 20 marks)

SC—0588

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

PHYSIOLOGY AND BIOCHEMISTRY (RR)

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.
Answer Section A and Section B in **separate** *answer books.*

Section A (Physiology)

I. Long Essays. Answer any *one* :

1 Describe the composition, functions and regulation of secretion of pancreatic juice.

2 Name the hormones pituitary gland. Describe the actions and regulation of secretion of one of them.

(1 × 10 = 10 marks)

II. Short Essays. Answer any *four* :

3 Respiratory centres.

4 Properties of cardiac muscle.

5 Name the parts of cerebellum. What are their functions ?

6 Trace the pathway for taste.

7 Write a brief note on lymphatic system.

(4 × 5 = 20 marks)

III. Short Answers :

8 Spermatogenesis.

9 Heart sounds.

10 Parkinsonism.

11 RH blood group.

12 Micturition reflex.

(5 × 2 = 10 marks)

Section B (Biochemistry)

I. Long Essays. Write any *one* :

1 How oral glucose tolerance test is performed ? How blood glucose level is maintained ?

2 Write about dietary sources, daily, requirement and functions of Vitamin A.

(1 × 10 = 10 marks)

II. Short Essays. Answer any *four* :

3 Essential fatty acids.

4 Digestion and absorption of proteins.

5 Triglycerides.

Turn over

6 Ketone bodies.

7 Test for urine albumin.

(4 × 5 = 20 marks)

III. Short Answers :

8 What are the organs involved in the synthesis of active Vitamin D_3 ?

9 Biuret reaction.

10 Aromatic amino acids.

11 Scurvy.

12 What is normal serum total cholesterol and hdl cholesterol level ?

(5 × 2 = 10 marks)

SC—0590

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

GEN. PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY (RR)

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Explain the concept and theories of motivation. How could it facilitate in patients quick recovery ?

2 What is forgetting ? Outline the factors responsible for forgetting.

3 Define personality. Mention any *one* classification.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Application of psychology to nursing.

5 Determinants of attention.

6 General theories of emotion.

7 Importance of personality assessment to nursing.

8 Uses of intelligence tests.

9 Various methods of educational psychology.

10 Types of learning with illustration.

11 Meaning and nature of thinking.

12 Attitude measurement and its implications in nursing.

13 Various tools of evaluation in educational psychology.

(8 × 5 = 40 marks)

III. Short Answers :

14 Depth percepion.

15 Define psychology and its applications.

16 Needs and drives in human beings.

17 States of emotion.

18 Pesonality types.

19 C.A., M.A., and I.Q. concepts.

20 Heredity studies for individual differences.

21 Trial and error learning methods.

22 Types of memory.

23 Incentive for effective teaching for teachers.

(10 × 2 = 20 marks)

SC – 0591

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MICROBIOLOGY (RR)

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Mention the sources of infection and give an account of hospital infection and prevention.

2 Mention the common helminthic infection in India and give an account of ascaris lubricoides.

3 Mention the methods of sterilisation and give an account on moist heat sterilisation.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Types of immunity.

5 Antibiogram.

6 Tuberculosis.

7 HIV.

8 Cysticercus cellulosae.

9 Plasmodium falciparam.

10 Acquired immunity.

11 Poliomyelitis – prophylaxis.

12 Autoclave.

13 Gram's stain.

(8 × 5 = 40 marks)

III. Short Answers :

14 Cocci.

15 Widal.

16 Name five vectors.

17 Antiseptics.

18 Mention two ova, cyst.

19 Cholera vaccine.

20 Mention two spirocheates.

21 Oral thrush.

22 Sore throat.

23 Blood agar.

(10 × 2 = 20 marks)

SC—0593

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

SOCIOLOGY

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

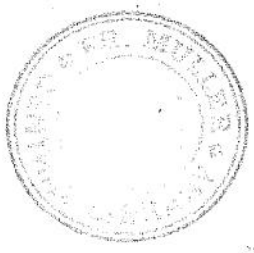
I. Long Essays. Answer any *two* :

1 Explain the adverse effects of caste. What are its consequences on health ?
2 Discuss the social causes of population explosion. What are its effects on health ?
3 Explain the process of socialization.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Characteristics of in-groups.
5 Health problems of village community.
6 Influence of religious practices on health.
7 Types of social system.
8 Crowd behaviour.
9 Health problems of tribals.
10 Role of nurses in society.
11 Family's role in health of the children.
12 Consequences of poverty.
13 Health hazards of alcoholism.



(8 × 5 = 40 marks)

III. Short Answers :

14 Write any *two* specific beliefs in Indian culture which has adverse health effects.
15 Write any *two* specific beliefs in Indian culture which have benificial health effects.
16 What are the adverse health effects of child marriage ?
17 What is emotional quotient ?
18 Explain "life style".
19 How women are benifited by Hindu Succession Act ?
20 What are the advantages of monogamy ?
21 Explain sarroral polyginy.
22 What is social telesis ?
23 Health effects of social isolation.

(10 × 2 = 20 marks)

(Pages : 2) **SK—0350**

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

PSYSIOLOGY including BIOCHEMISTRY

Time : Three Hours Maximum : 80 Marks

Section A (Physiology)

I. Long Essay :

Describe, in detail, the mechanisms of coagulation of blood. (10 marks)

II. Short Essays : Answer any *four* :

(a) List the actions of growth hormone.

(b) Describe briefly the stages of gastric secretion.

(c) Outline any *five* functions of Hypothalamus.

(d) Explain the regulation of glomerular filtration rate.

(e) Mention the causation, characteristics and importance of first and second heart sounds.

(4 × 5 = 20 marks)

III. Short anaswers :

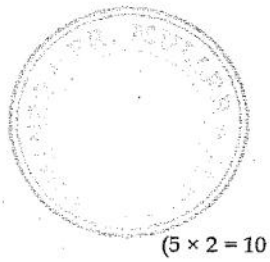
(a) Define (i) Alveolar ventilation and (ii) Vital capacity.

(b) Explain any *one* method of contraception in the male.

(c) List any *four* functions of plasma proteins.

(d) Enumerate the functions of Cerebrospinal fluid.

(e) Actim of Testosterone.



(5 × 2 = 10 marks)

Section B (Biochemistry)

I. Long Essay :

Discuss the regulation of glucose level in blood by hormones. (10 marks)

II. Short Essays : Answer any *four* of the following :

(a) Name the dietary disaccharides and the enzymes which digest them.

(b) Explain ammonia formation from amino acids.

(c) Name the dietary essential fatty acids and explain how prostaglandins are synthesised.

(d) How is Vitamin D_3 synthesised and activated into calcitriol ?

(e) Classify enzymes. Outline their mechanism of action.

(4 × 5 = 20 marks)

Turn over

III. Short answers : Answer *all* questions :

(a) Name the enzymes catalysing the following reactions :

(i) Phosphoenol Pyruvate + ADP ⟶ Enol Pyruvate + ATP

(ii) Alpha keto glutarate + Aspartate ⟶ Glutamate + Oxaloacetate

(b) Name *two* sources of provitamin A in diet. What is the requirement of vitamin A per day for a nursing mother ?

(c) Name the *two* bile salts and explain their function.

(d) How is cyclic AMP level in tissues hormonally regulated ?

(e) Name the coenzymes of the following vitamins :

(i) Pyridoxine.

(ii) Thiamine.

(iii) Biotin.

(iv) Riboflavin.

(5 × 2 = 10 marks)

(Pages : 2) SK—0353

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

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 :

1 Explain the effects of a large family on malnutrition, anaemia and other illness in family.

2 What is meant by Recommended Dietary Allowances (RDA) ? How do you plan a balanced diet for pregnant women ? Give the RDA for the pregnant women.

(2 × 10 = 20 marks)

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

1 What points would you keep in mind while purchasing and storing foods in your house ?

2 Write dietary sources, deficiency and physiological functions of Vitamin D.

3 List out the various international agencies involved in improving the nutritional status of the community

4 Write structure, properties of proteins.

5 Write recommended daily allowances of nutrients for Indians.

6 Mention effects of imbalance of lipids in the diet and write sources of lipids.

7 List out different ways of food classification.

8 What are the international agencies working under Applied Nutrition Programmes ? Briefly write about them.

9 Give the list of daily allowance of nutrients for old people.

10 List out and write briefly about local agencies working in your State against Community Nutrition Development Programme.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Define essential and non-essential amino acids.

(b) Write sources of *calcium*.

(c) Pattern of school lunch in India.

(d) Define Obesity.

(e) Functions of Vitamin B_{12}.

Turn over

(f) Function of magnesium.

(g) Production of protective foods at village level.

(h) Fucntions of fat in the diet.

(i) Define Marasmus and Kwashiorkor.

(j) Importance of nutritional survey.

(10 × 2 = 20 marks)

SK – 0352

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

PSYCHOLOGY

Time : Three Hours Maximum : 80 Marks

Instructions to the Candidates :

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

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

I. Long Essays :

1 Explain physiological basis of behaviour.

2 Define Educational Psychology. List its scope and explain significance of Educational Psychology to nursing.

(2 × 10 = 20 marks)

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

1 What is Frustration ? Explain the role of conflicts within the individual in the causation of frustration.

2 Explain method of observation. Discuss its merits and demerits.

3 Explain cognitive theory of emotion.

4 Discuss the problems of group living.

5 What is perception ? Explain the principles of perception.

6 Describe short-term memory and long-term memory.

7 Differentiate between Inductive reasoning and Deductive reasoning.

8 Explain nature and goals of special education.

9 Discuss the present status of intelligence tests.

10 Explain the significance of learning in nursing.

(8 × 5 = 40 marks)

III. Short Answers :

(a) List physiological changes in emotion.

(b) List ego defence mechanisms.

(c) Mention functions of a leader.

(d) Mention principles of heridity.

(e) Mention personality types.

(f) Explain pro-active inhibition.

(g) List methods of effective learning.

(h) Mention the components of attitude.

(i) List characteristics of an effective teacher.

(j) List methods of measuring attitudes.

(10 × 2 = 20 marks)

(Pages : 2)

SK—0354

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

INTRODUCTION TO COMMUNITY HEALTH including FAMILY WELFARE

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 :

1 (a) Define Family Welfare.

(b) Explain briefly about the causes of high birth-rate in India.

(c) Explain the nurse's role in family welfare programme.

(2 + 3 + 5 = 10 marks)

2 (a) Define Sewage.

(b) List the channels of faecal-borne diseases.

(c) Explain the process of modern sewage treatment.

(2 + 3 + 5 = 10 marks)

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

1 List the standards of ventilation.

2 Compare Slow sand filter and Rapid sand filter.

3 List the methods of Excneta disposal.

4 Enumerate the elements of primary health care.

5 Environmental pollution.

6 State the meaning of hardness of water.

7 Enumerate the demerits of hard water.

8 Need for marriage counselling and guidance.

9 Role of a dai in Primary Health Care.

10 Importance of food hygiene.

11 How will you control the rodents and pests ?

(8 × 5 = 40 marks)

III. Short Answers :

(a) Housing and health.

(b) Elements of metrological environment.

(c) Effects of noise exposure.

Turn over

(d) Biological effects of radiation.

(e) Levels of prevention.

(f) Immunization schedule for under five children.

(g) Food adulteration.

(h) Pasteurization of milk.

(i) Control of air pollution.

(j) Incineration.

(10 × 2 = 20 marks)

SC—0583

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

FUNDAMENTALS OF NURSING

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

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

1 (a) Define respiration.

(b) Describe four types of abnormal respirations.

(c) Explain the oxygen administration in detail.

(2 + 4 + 4 = 10 marks)

2 (a) Define nursing.

(b) State the image of a nurse.

(c) List the nursing education programmes available in India.

(3 + 3 + 4 = 10 marks)

3 Is nursing a profession ? Discuss. (10 marks)

[2 × 10 = 20 marks]

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

4 (a) Define S.N.A.

(b) Describe the functions of T.N.A.I.

(2 + 3 = 5 marks)

5 (a) List four nursing interventions before catheterization.

(b) Describe catheterization procedure.

(2 + 3 = 5 marks)

6 (a) Name any four common medical diseases for which patients are admitted in medical wards.

(b) Describe the procedure of admission of a patient in a medical ward.

(2 + 3 = 5 marks)

7 (a) Name the stages of decubitis ulcer.

(b) List the causative factors of decubitis ulcer.

(2 + 3 = 5 marks)

8 (a) Define communication.

(b) What are the principles of communication ?

(2 + 3 = 5 marks)

Turn over

9 (a) Mention the advantages of nail care.

(b) State the advantages of care of hair.

(2 + 3 = 5 marks)

10 (a) How will you prevent noise in the hospital ?

(b) State the nursing measures to induce sleep in a patient.

(2 + 3 = 5 marks)

11 (a) Define health.

(b) Mention the types of hospitals available in India.

(2 + 3 = 5 marks)

12 (a) How is the social history helps in planning nursing care.

(b) List the importance of systemic collection of physical history.

(2 + 3 = 5 marks)

13 (a) What is the importance of observation ?

(b) What are the different types of observation used in nursing ?

(2 + 3 = 5 marks)

[8 × 5 = 40 marks]

III. Short Answers :

14 State the importance of cleanliness of a hospital.

15 Describe the first aid for fracture.

16 Name the records maintained in a ward.

17 Mention four types of linen used in the hospital and their uses.

18 State the functions of a hospital.

19 List the stages of dying.

20 Mention the importance of rest.

21 Name the abnormalities in urine.

22 State the different types of positions used for patients.

23 Write the importance of diversion therapy.

(10 × 2 = 20 marks)

SC–0586

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

INTRODUCTION TO COMMUNITY HEALTH NURSING including FAMILY WELFARE

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Explain the role of community organizations to promote environmental health.

2 Explain briefly the causes of high birth rate in India.

3 Define primary health care and list down the principles of primary health care.

(2 × 10 = 20 marks)

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

4 Housing and health.

5 Elements of meterological environment.

6 Effects of noise exposure.

7 Biological effects of radiation.

8 Principles of community health nursing.

9 Types and standards of ventilation.

10 Health problems in India.

11 Evolution of community health services in India.

12 Environmental health hazards.

13 Elements of climate.

(8 × 5 = 40 marks)

III. Short Answers :

14 Meat hygiene.

15 Environmental pollution.

16 Measles vaccine.

17 Concept of disease.

18 Lighting.

19 Disposal of the dead.

20 Non-service type latrine.

21 Food poisoning.

22 Incineration.

23 Difference between urban/rural areas.

(10 × 2 = 20 marks)

SC – 0587

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

ANATOMY (RR)

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

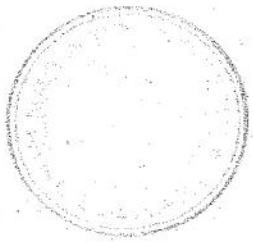
1 Describe the brachial plexus of nerves.

2 Describe the knee joint.

3 Structure of kidney.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :



4 Thoraco-abdominal diaphragm.

5 Pancreas.

6 Scalp.

7 Stomach.

8 Internal capsule.

9 Cerebellum.

10 Femoral triangle.

11 Classification of joints.

12 Gluteus medius muscle.

13 Posterior interosseous nerve.

(8 × 5 = 40 marks)

III. Short Answers :

14 Spinal accessory nerve.

15 External jugular vein.

16 Suprarenal glands.

17 Superior vena cava.

18 Brachialis muscle.

19 Pronator quadratus.

20 Dorsalis pedis artery.

21 Sartorius muscle.

22 Epiphysis.

23 Hyaline cartilage.

(10 × 2 = 20 marks)

SC—0589

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

BASIC PRINCIPLES AND PRACTICE OF NURSING (RR)

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Write any *two* :

1 (a) What is "Nursing process" ?

(b) "An in-patient Mr. 'A' is having fever" – Explain the application of nursing process.

(c) Differentiate between the "Medical diagnosis".

(2 + 5 + 3 = 10 marks)

2 (a) List the nursing pescriptions for a client suffering from disability to pass urine-post operatively.

(b) Explain the process of catheterization and the related nursing care.

(3 + 7 = 10 marks)

3 Explain the terms "medical asepsis" and "surgical asepsis". (10 marks)

[2 × 10 = 20 marks]

II. Short Essays. Answer any *eight* :

4 Records.
5 Physical examination.
6 Admission procedure.
7 Activities of daily living.
8 Patient unit.
9 Therapeutic communication.
10 Enema.
11 Assisting in thoracentasis.
12 Hot fomentation.
13 Modes of transmission.

(8 × 5 = 40 marks)

III. Short Answers :

14 Nursing diagnosis.
15 Bandages.
16 Hypertension.
17 Bradycardia.
18 Constant fever.
19 Oedema.
20 Fowler's position.
21 Diversional therapy.
22 Obesity.
23 Nurse.

(10 × 2 = 20 marks)

SC–0592

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

INTRODUCTION TO COMMUNITY HEALTH NURSING (RR)

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Discuss the methods of water purification on small and large scale.

2 Discuss the general measures that you will follow in controlling communicable diseases.

3 Define health education. Describe the principles of health education.

(2 × 10 = 20 marks)

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

4 Disease cycle.

5 Food hygiene.

6 Epidemiological triad.

7 Effects of air pollution.

8 Principles of primary health care.

9 Effects of noise on health.

10 Ecology.

11 Ice berg phenomena.

12 Uses of epidemiology.

13 Dimentions of health.



(8 × 5 = 40 marks)

III. Short Answers :

14 What are the stages in the working of a septic-tank ?

15 Which type of latrines is suitable for camps of short duration ?

16 What is kata thermometer used for ? How do we interpret its result ?

17 What is safe and wholesome water ?

18 Describe Bitots spots.

19 Mention the dietary sources of vitamin A.D.E.K.

20 What are the common complications of measles ?

21 What are the social diseases ?

22 Mention the mode of transmission of rabies.

23 What are the determinants of health ?

(10 × 2 = 20 marks)

SK—0349

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

ANATOMY

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 :

1 Mention the parts of the respiratory system. Describe the gross features of trachea.

2 Mention the various endocrine glands. Describe the features of the thyroid gland.

(2 × 10 = 20 marks)

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

1 Give the structure of smooth muscle.

2 Describe the kidney and give its functions.

3 Describe the conducting system of the heart.

4 Describe the lymphatic drainage of lower limb.

5 Describe the cerebellum and its functions.

6 Classify the various joints of the body. Describe a synovial joint.

7 Describe the various types of taste buds and their location.

8 Describe the pathway involved in vision.

9 Describe the receptors of touch sensation and their location.

10 Name the muscles acting on the temporo mandibular joint and give their actions.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Name *two* bones forming the knee joint.

(b) Name *two* nerves supplying the foot.

(c) Name the hormone secreted by Parathyroid glands. Give its function.

(d) Name *two* muscles that extend the hip joint.

(e) Name *two* superficial veins of the forearm.

(f) Draw and label the parts of a mixed spinal nerve.

(g) What is a cartilagenons bone. Give an example.

(h) Name *two* branches of abdominal aorta.

(i) Name *two* veins which join to form porta vein.

(j) Name the parts of the body drained by right lymphatic duct.

(10 × 2 = 20 marks)

SC—0581

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

ANATOMY

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Mention the parts of the digestive system. Describe the gross features of stomach.

2 Mention the parts of the respiratory system. Describe the gross features of trachea.

3 Mention the parts of the female reproductory system. Describe the general features of the uterus.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Give the structure of striated muscle.

5 Describe the urinary bladder and give its functions.

6 Describe the arterial supply of heart.

7 Describe the lymphatic drainage of upper limb.

8 Describe the cerebral hemisphere and its functions.

9 Name the bones that form the thoracic cage. Give the boundaries of its inlet and outlet.

10 Give the histology of trachea with a labelled diagram.

11 Trace the pathway of smell.

12 Describe the medial surface of the lung.

13 Classify epithelial tissue. Describe the stratified epithelium.

(8 × 5 = 40 marks)

III. Short Answers :

14 Name *two* bones forming the ankle joint.

15 Name the hormone of the thyroid gland. Give its function.

16 Name *two* muscles that abduct the shoulder joint.

17 Name *two* superficial veins of the leg.

18 Name *two* nerves supplying the hand.

19 Name the curvatures of the vertebral column.

20 Name the fontanelles of foetal skull.

21 Name any *four* branches of abdominal aorta.

22 List out the muscles of the antero lateral abdominal wall.

23 Give the usual time of eruption of temporary (deciduous) and permanent tooth.

(10 × 2 = 20 marks)

(Pages : 2) **SK – 0351**

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

FUNDAMENTALS OF NURSING

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 :

1 (a) Define Health.

(b) Name *four* functions of a hospital.

(c) Mention the organization of a hospital ward.

(2 + 2 + 6 = 10 marks)

2 (a) Define Fever.

(b) Describe the nursing interventions for fever.

(c) Mention *four* types of fever.

(2 + 4 + 4 = 10 marks)

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

1 Describe recording and reporting.

2 Define the characteristics of a profession.

3 Mention the routine needs of a patient.

4 State the therapeutic uses of heat.

5 Write the mode of transmission of disease.

6 State the elimination needs of a patient.

7 Pressure sore.

8 Mention the fluid and electrolyte balance.

9 Describe the types of physical examination.

10 List the principles of communication.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Name the contra-indications of oral feeding.

(b) State the cardinal symptoms.

(c) Bandaging.

(d) Nursing education in our state.

Turn over

(e) *Four* types of rubber articles used in the ward and their uses.

(f) First-aid in drowning.

(g) *Four* types of glass articles used in a ward and their uses.

(h) Bandaging.

(i) Comfort devices.

(j) Observation of sputum.

(10 × 2 = 20 marks)



SK – 0357

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

COMMUNITY HEALTH NURSING – I

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 :

1 Explain the nurses role in the control of AIDS in a Primary Health Centre.

2 Draw the symbol of under five clinic and explain the aims and objectives of it.

(2 × 10 = 20 marks)

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

1 Objectives of Family Welfare Programme.

2 Scope of M.C.H. services.

3 Principles of Community Health Nursing.

4 I.C.D.S.

5 History of Community Health Nursing in India.

6 Principles of Primary Health Care.

7 Principles involved in the control of communicable diseases.

8 B.C.G.

9 List the principles of Health Education.

10 Post-natal care.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Net reproduction rate.

(b) Objectives of Health Information System.

(c) Uses of records.

(d) Advantages of home visit.

(e) Hepatitis 'B'.

(f) Antenatal visits.

(g) Breast feeding.

(h) Perinatal mortality rate.

(i) Couple protection rate.

(j) Child guidance clinic.

(10 × 2 = 20 marks)

SC – 0596

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

COMMUNITY HEALTH NURSING – I

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 State the epidemiology of tuberculosis and briefly discuss about control measures. (10 marks)

2 Write an essay on the role of community health nurse in control of communicable diseases. (10 marks)

3 (a) Why family is considered as an unit of community health services ?

(b) How do you prioritize your home visits ? (6 + 4 = 10 marks)

[2 × 10 = 20 marks]

II. Short Essays. Answer any *eight* :

4 History of community health nursing.
5 Records and reports in community health nursing.
6 Objectives of ante-natal care.
7 Primary health care.
8 Uses of vital statistics.
9 Objectives of family health services.
10 Malaria.
11 Filaria control programme.
12 Nutritional problems in India.
13 M.T.P. Act 1971.

(8 × 5 = 40 marks)

III. Short Answers :

14 Define family welfare programme.
15 C.S.S.M.
16 Domicilliary visit.
17 A.I.D.S.
18 Primary health centre.
19 Define secondary level of prevention.
20 Terminal methods of family planning.
21 Pandamic.
22 Alma-Ata declaration.
23 Passive immunity.

(10 × 2 = 20 marks)

SK – 0355

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MICROBIOLOGY

Time : Three Hours Maximum : 80 Marks

I. Long Essays :

1 Describe the structure of a bacterial cell.

2 Define Immunity. Classify immunity. Write about active immunity.

(2 × 10 = 20 marks)

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

1 Anaerobic culture.

2 Endo toxins.

3 HIV.

4 Cross infection.

5 Theatre sterilisation.

6 IgG.

7 Autoclave.

8 Candida albicans.

9 Robert Koch.

10 Rhabdo viruses.

(8 × 5 = 40 marks)

III. Short Answers :

(a) Transport media.

(b) DPT.

(c) High Titre Sera.

(d) Hot air oven.

(e) Ethylene oxide.

(f) Tyndalisation.

(g) Inclusion body.

(h) Water bath.

(i) Hydatid cyst.

(j) Microfilaria.

(10 × 2 = 20 marks)

SK – 0356

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

SOCIOLOGY

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the questions asked.

I. Long Essays :

1 What is culture ? Write briefly on cultural factors unfavourably affecting the health of people.

2 Describe the socio-cultural aspects of population problem in India.

(2 × 10 = 20 marks)

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

1 Causes of family disorganization.

2 Poverty alleviation programmes in India.

3 Leadership in social groups.

4 Importance of sociology in health and disease.

5 Decentralised planning in India.

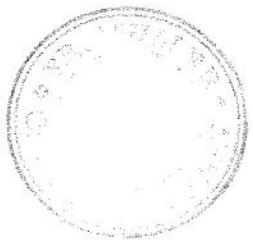
6 Gender and health.

7 Child guidance clinic.

8 Norms of behaviour.

9 Theories of social change.

10 Poverty and health.



(8 × 5 = 40 marks)

III. Short Answers :

(a) Problem family.

(b) Socialization.

(c) Culture complex.

(d) Qualities of a leader.

(e) Rural-Urban contrast in terms of health.

(f) Role of social values in health.

(g) Causes of prostitution.

(h) Social mobility.

(i) Social diseases.

(j) Health and literacy.

(10 × 2 = 20 marks)

SK—0358

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MEDICAL SURGICAL NURSING

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 :

1 Enumerate the factors leading to Congestive Cardiac Failure (CCF) and describe briefly the pathophysiology of CCF. Explain the nursing management of patient with CCF.

2 What do you mean by Acute Renal failure ? State the etiology and patho physiology. Describe the treatment and nursing care of patient with acute renal failure.

(2 × 10 = 20 marks)

II. Short Essays : Write short notes on any *eight* of the following :—

1 Oral hypoglycemic drugs.

2 Composition and characteristic of Cerebro Spinal Fluid (CSF) and tests for deducting abnormalities.

3 Colostomy care.

4 Nursing care of patient with head injuries.

5 Diabetes insipidus.

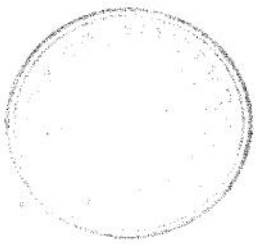
6 Uses and side effects of the Digoxine.

7 Nursing care of unconscious patient.

8 Cardiac catheterization.

9 Critinisms.

10 Intake and output chart.



(8 × 5 = 40 marks)

III. Answer the following questions briefly :—

(a) What is Glasgowcoma scale ?

(b) What happens in Cerebrovasculor Accident (CVA) ?

(c) What are the drugs used in Cardiac arrest ?

(d) What are the congenital defects included in the tetrology of fallot ?

(e) What is respiratory acidoses.

(f) Fluid intake is restricted before I.V.P. (Intravenous Pyelogram).

(g) Urine specificgravity and output is monitered when a patient is in shock.

(h) Symptoms of Hypokalemia should be watched when a patient is on Lasix.

(i) Cardiac arrest.

(j) Hypoglycemia.

(10 × 2 = 20 marks)

SC – 0594

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MICROBIOLOGY AND PARASITOLOGY

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Define antigen antibody reaction. Mention various types of antigen antibody reactions. Write briefly about widal test.

2 Discuss the morphology, cultural characters and laboratory diagnosis of vibrio cholerae.

3 Define sterilisation. Classify sterilasation. Mention various methods of moist heat sterilisation.

(2 × 10 = 20 marks)

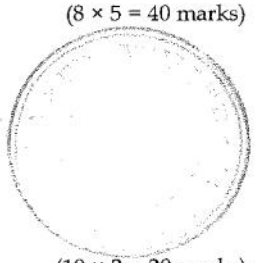
II. Short Essays. Answer any *eight* :

4 Toxoplasma gondil.
5 L.D. bodies.
6 Toxins of staphylococcus aureus.
7 Bacteriophage.
8 IgE.
9 Anti-rabies vaccines.
10 Madura foot.
11 Polio virus.
12 Ziehl-Neelsen's stain.
13 Hemophilus Ducreyi.

(8 × 5 = 40 marks)

III. Short Answers :

14 Cryptococcus.
15 White mice.
16 L forms.
17 Black water fever.
18 Tsetse fly.
19 MMR vaccine.
20 Convalescent carrier.
21 B cell.
22 Gas gangrene.
23 Hydrophobia.



(10 × 2 = 20 marks)

SC—0595

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

SOCIOLOGY

Time : Three Hours

Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Describe the role of family in health and disease of individuals.

2 Discuss the relevance of sociological principles in nursing.

3 Discuss the rural-urban contrast in relation to health and disease in India.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Community development programmes.

5 Cultural lag.

6 Process of social interaction.

7 Problems of urbanization.

8 Features of village community.

9 Factors influencing social disorganization in present-day Indian society.

10 Prevention of juvenile delinquency.

11 Problems of old age.

12 Value system in society and health.

13 Factors influencing social change.

(8 × 5 = 40 marks)

III. Short Answers :

14 Characteristics of secondary group.

15 Diffusion of culture.

16 Ethnocentrism.

17 Primary group in health.

18 Changing trend of family in India.

19 Social aspects of S.T.Ds. (Sexually Transmitted Diseases).

20 Norms of behaviour.

21 Housing and health.

22 Child welfare programmes.

23 Social rehabilitation.

(10 × 2 = 20 marks)

SC – 0597

SECOND YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MEDICAL SURGICAL NURSING – I

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Explain in detail about the etiological factors in peptic ulcer. Write medical and nursing management implementing nursing process.

2 (a) Explain the complications in your client with a diagnois of hypertension.

(b) What preventive measures you will explain to the above client on discharge ?

3 Write the nursing process of a patient with myocardial infarction.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Pathological change in myocardial infarction.

5 Pathology in fractures.

6 Angio gram.

7 Endoscopy.

8 Types of lukaemias.

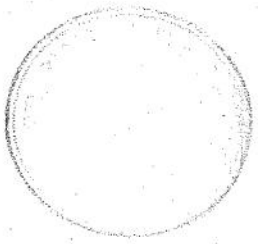
9 Urine test for albumen and sugar.

10 Allergic bronchitis.

11 Goitre.

12 Poliomyelitis.

13 Eczema.



(8 × 5 = 40 marks)

III. Short Answers :

14 Diazepam.

15 Sodium valproate.

16 Routes of administration of drugs.

17 Vitamin "A".

18 Inflammation.

19 Cardiac arrest.

20 Lumbar puncture.

21 Glossitis.

22 Insulin.

23 Types of anaesthesia.

(10 × 2 = 20 marks)

SC—0598

THIRD YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

CHILD HEALTH NURSING

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer only *two* :

1 Discuss the growth and development of school-age child.

2 Discuss the pre and post operative care of a newborn with congenital hypertrophic pyloric stenosis.

3 Write in detail the nursing care of a 2-year old boy with nephrotic syndrome.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Principles of growth and development.

5 Primary dentition.

6 Breast feeding.

7 Pulse polio programme.

8 Febrile convulsions.

9 Effect of hospitalization in infants.

10 Respiratory distress syndrome in newborns.

11 Helminthic infestations.

12 Signs and symptoms of tetanus in a toddler.

13 Fallot's tetralogy.

(8 × 5 = 40 marks)

III. Short Answers :

14 Development.

15 Bulbar poliomyelitis.

16 Causes of diarrhoea in children.

17 Oral phase.

18 Tonic neck reflex.

19 Minor manifestations of rheumatic heart disease.

20 Signs and symptoms of post streptococcal glomerulo nephritis.

21 Rabies.

22 Ascariasis.

23 Diphtheria.

(10 × 2 = 20 marks)

SC—0599

THIRD YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MEDICAL SURGICAL NURSING—II

Time : Three Hours Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

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

1 Mrs. Valli is admitted for cataract surgery. Discuss the pre and post operative nursing intervention.

2 Mr. John 20 years college student is admitted with the history of epilepsy. Write the comprehensive nursing care of Mr. John.

3 (a) List the causes and types of epilepsy.

(b) Write the nursing management of a patient having an attack of epilepsy.

(2 × 10 = 20 marks)

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

4 Psycho social reaction of a patient who had radical mastectomy.

5 Post operative complications of abdominal surgery.

6 Parkinsons disease.

7 Irrigation of ear.

8 Blindness.

9 Post operative nursing management of a patient who had stapedectomy.

10 Nursing management of a patient with leukaemia.

11 Renal calculi.

12 Principles and organization of intensive care.

13 Prevention and control of cancer.

(8 × 5 = 40 marks)

III. Short Answers :

14 Otitis media.

15 Miners syndrome.

16 Hydrocele.

17 Keratitis.

18 Hydronephrosis.

19 Sterility.

20 Neoplasms.

21 Anaesthesia.

22 History taking.

23 Sutures.

(10 × 2 = 20 marks)

SC—0600

THIRD YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 1999

MENTAL HEALTH NURSING

Time : Three Hours | Maximum : 80 Marks

Your answers shall be specific to the question asked.
Draw neat and labelled diagrams wherever necessary.
Answer the questions completely in one place only.

I. Long Essays. Answer any *two* :

1 Discuss the role of psychiatric nurse in the administration of drug therapy to psychiatric patients.

2 Explain the nursing problems and interventions in the management of patients in acute anxiety state.

3 Discuss the mental health services that are available in the community.

(2 × 10 = 20 marks)

II. Short Essays. Answer any *eight* :

4 Withdrawn behaviour.

5 Development of psychiatric nursing.

6 Therapeutic community.

7 Lithium carbonate.

8 Conduct disorders.

9 Post ECT stage.

10 Delirium tremens.

11 Suicidal tendency in psychiatric wards.

12 Insomnia.

13 Rehabilitation of mentally handicapped.



(8 × 5 = 40 marks)

III. Short Answers :

14 Characteristics of mentally healthy person.

15 Four purposes of process recording.

16 Four methods of psychiatric assessment.

17 Four principles of occupational therapy.

18 Four stages of abnormal mood.

19 Four causes of alcoholism.

20 Four contra-indications of ECT.

21 Four types of schizophrenia.

22 Four types of psychological therapies.

23 Four deviant patterns of behaviour.

(10 × 2 = 20 marks)