[10 x 2 : 2

Total No. of Pages : 2] **Code No.: RC-2979**

I YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

PHYSIOLOGY & BIO CHEMISTRY

PAPER - I

(Revised Scheme) (1998-99 Batch & Onwards)

Time : 3 Hours] *[Max. Marks : 40*

N.B :-

1) *Your Answer shall be specific to the question asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

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SECTION - A

PHYSIOLOGY

I. ***Long Essays (Answer any One) :*** **[1 x 10 = 10]**

1) Describe the events that take place in the transmission of nerve impulse across neuromuscular junction.
2) Classify blood groups. Explain the complications of ABO incompatibility.

II. ***Short Essays : (Answer any Four)*** **[4 x 5 = 20]**

3) Name the hormones of Anterior Pituitary and explain. The metabolic actions of growth hormone.
4) Describe the conducting tissue of the heart.
5) Explain the functions of loop of Henele.
6) What is a sensory receptor? Classify them and give their function.
7) Trace the pathway for taste with a neat diagram.

III. ***Short Answers.*** **[5 x 2 = 10]**

8) Name four functions of placenta.
9) List the functions of middle ear.
10) Define vital capacity. Give its value.
11) List any four functions of saliva.
12) Define anaemia.

P.T.O.

SECTION - B

BIOCHEMISTRY

I. Long Essays (Answer any One) : **[1 x 10 = 10]**

1) Describe Citric Acid Cycle.

2) Explain sources, Biochemical functions and deficiency of Vitamin C (ascorbic acid).

II. Short Essays : (Answer any Four) **[4 x 5 = 20]**

3) Name essential fatty acids. Write its importance.

4) Define Buffers. Name blood buffers & explain its role in acid-base balance.

5) Classify proteins on the basis of functions giving examples.

6) Renal Function tests.

III. Short Answers. **[5 x 2 = 10]**

7) Glutamine formation and its importance.

8) Coenzymes of thiamin & niacin.

9) Benedict's Test.

10) Night blindness.

11) Normal Blood Levels of Calcium and Phosphorus.

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Total No. of Pages : 1] **Code No.RC-2975**

I B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER-2003
(Old Scheme) (1996 - 97 Batch & 1997 - 98 Batch)
PSYCHOLOGY - THEORY PAPER

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

Your answers shall be specific to the questions asked.
Draw labelled, neat diagrams wherever necessarry.

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I ***Long Essays:*** *(Answer any two)* [2 x 10 = 20]

1. What is psychology? Describe the scope of psychology in relation to nursing.
2. a) What is a motive?
   b) Classify motives. Describe in detailed about physiological motives.
3. Write about Hans Selyis general adaptation syndrome. Describe the sources of stress & nurse's role.

II ***Short Essays:*** *(Answer any eight)* [8 x 5 = 40]

4. Role of nurse in preventing mental disturbances.
5. Instrospection its advantages & limitation as a method of psychology.
6. Nature and assessment of aptitudes.
7. Steps in Learning.
8. Briefly discuss the objective conditions of attention.
9. Indicate the steps in problem solving.
10. Explain James 'Maxims laws of Habit formation'.
11. Write briefly on formation of attitudes.
12. What is the nature of personality? What factors contribute in development of personality.
13. Community organisation for care & rehabilitation for mentally retarded.

III ***Short Answers:*** [10x 2 = 20]

14. Heredity.
15. Rationalisation.
16. Physiological changes in emotions.
17. Behaviour.
18. Free thinking.
19. Endocrine glands.
20. Intelligence.
21. Approach - avoidance conflict.
22. Functions of a leader.
23. Competition.

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Total No. of Pages : 1]

Code No.RC-2977

I B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER-2003
(Old Scheme) (1996 - 97 Batch & 1997 - 98 Batch)
NUTRITION - THEORY PAPER

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

Your answers shall be specific to the question asked.
Draw labelled, neat diagrams wherever necessarry.

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I ***Long Essays:*** *(Answer any two)* [2 x 10 = 20]

1. Define malnutrition, list the causes for malnutrition and explain about methods to be followed for their prevention in developing countries.
2. What is protein? Enumerate the structure, classification & metabolism of proteins.
3. Nutrition as health problem in India. Discuss.

II ***Short Essays:*** *(Answer any eight)* [8 x 5 = 40]

4. Classify the lipids, and explain about digestion & absorption of it.
5. Write about absorption, physiological function & effects of deficiency of vitamin -'k'.
6. What is provitamin 'A'? Explain functions of vitamin 'A'.
7. Plan a balanced diet for a adolescent girl.
8. Write functions & sources of 'B' complex vitamin.
9. Justify why a pregnant women required of more nutrients than of a non-pregnant women.
10. Distinguish between Kwarshorkor & Marasmus with definitions.
11. Convert your daily hostel menu into energy (Kilocalories) for one day.
12. Write sources, requirements & deficiency of iodine & fluorine.
13. Write preparation & nutritive values of ragi java & tomato soup.

III ***Short Answers:*** [10x 2 = 20]

14. How the absorption & storage of vitamin 'C' will occur in human body.
15. Write any two functions of calcium [Ca].
16. Write any two functions of sodium ion. [Na ion]
17. List any two goitrogenic substances.
18. Write any two factors affecting the basal metabolic rate.
19. List the fat soluble vitamins.
20. Define PICA.
21. Define RDA
22. Classify the carbohydrates.
23. Define steaming & baking.

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Total No. of Pages : 1]

Code No.RC-2976

I Year B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER-2003
INTRODUCTION TO COMMUNITY HEALTH - THEORY PAPER

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

Answer all questions

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I ***Long Essays:*** *(Answer any two)* [2 x 10 = 20]

1. a) Define positive health.
   b) Explain the characteristics of a healthy person.
2. a) Compare slow sand filter and rapid sand filter.
   b) Explain the different steps in disinfection of a well.
3. Explain briefly the causes of high birth rate in India.

II ***Short Essays:*** *(Answer any eight)* [8 x 5 = 40]

1. Define primary health care and list-down the principles of primary health care.
2. Under five clinics
3. Major killing diseases in children.
4. National Immunization schedule.
5. Pulse polio programme.
6. Changing concepts of health.
7. Biological effects of radiation.
8. Mass campaign.
9. Chlorination
10. Promotion of effective ventilation.

III ***Short Answers:*** [10x 2 = 20]

1. Incineration.
2. Town planning.
3. Health illness spectrum
4. Food Hygiene
5. Pasteurization of Milk.
6. Food adulteration.
7. National Immunization schedule.
8. Ventilation.
9. Basic principles of noise control.
10. Humidity.

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Total No. of Pages : 2]

Code No.RC-2973

I B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER-2003
(Old Scheme) (1996-97 Batch & 1997 - 98 Batch)
PHYSIOLOGY & BIO CHEMISTRY - PAPER - 1

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

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

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SECTION - A
(Physiology)

I ***Long Essays:*** *(Answer any one)* [1 x 10 = 10]

1) Describe the different phases of Gastric secretion and their regulation.
2) Explain the regulation of Glomerular Filteration rate.

II ***Short Essays :*** *(any four)* [4 x 5 = 20]

1) Chemical regulation of respiration.
2) Functions of Plasma proteins.
3) Carotid sinus reflex.
4) Taste Pathways.
5) Explain Hypoxia and classify.

III ***Short Answers:*** [5x 2 = 10]

1) List the heat loss mechanisms.
2) Draw a Labelled diagram of neuromuscular junction.
3) Name two sensory and two motor tracts in the spinal cord.
4) Define (i) synapse (ii) Reflex.
5) Mention the normal values of (i) Bleeding time (ii) Clotting time (iii) Erythrocyte sedimentation rate in men (iv) Heart rate.

P.T.O.

SECTION - B
(Biochemistry)

I ***Long Essays:*** *(Answer any one of the following)* [1 x 10 = 10]

1. Enumerate kidney function tests. Describe any one test which will help for the assessment of kidney function.
2. What is balanced diet. Name essential nutrients and mention basic functions of these nutrients.

II Write short notes on (any Four) : [4 x 5 = 20]

1) Abnormal constituents of urine.
2) Metabolic Acidosis
3) Define Acid, Base with examples.
4) Role of Minerals in diet.
5) Quality of proteins.

III ***Write short answers:*** [5x 2 = 10]

1) Mention sources, dietary requirement and deficiency disease of vitamin D.
2) Mention caloric value of proteins, fats & carbohydrates.
3) Mention normal range of serum electrolytes and its significance.
4) Fate of pyruvate under aerobic and anaerobic conditions.
5) Name four enzymes responsible for digestion of proteins.

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Total No. of Pages : 2]

Code No.: RC-2978

I YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

ANATOMY - THEORY PAPER

(Revised Scheme) (1998-99 Batch & Onwards)

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

N.B :-

1) *Your Answers shall be specific to the question asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

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I. *Long Essays (Answer any Two Questions) :* **[2 x 10 = 20]**

1) Describe the extent, Course and Branches of Aorta.
2) Describe the situation, structure and secretions of suprareoral gland.
3) Describe the Lobes and histology of the liver.

II. *Short Essays : (Answer any eight Questions)* **[8 x 5 = 40]**

4) Stratified Epithelium - Classification.
5) Atrioventricular valves.
6) Spleen - situation and microscopic Anatomy.
7) Small intestine and large intestine - Differences.
8) Pancreas - Exocrine and Endocrine Parts.
9) Ureters - Extent and structure.
10) Uterus - Changes in Menstrual cycle.
11) Ribs.
12) Para Nasal air sinuses.
13) Oesophagus - Extent, structure and Function.

P.T.O.

III. Short Answers. [10 x 2 = 20]

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14) Elastic Cartilage
15) Pelvis of Kidney
16) Inferior Vena Cava
17) Ventricles of Brain
18) Parotid Gland
19) Deltoid Muscle
20) Pericardium
21) Right and Left Lung - Differences.
22) Larynx
23) Taste Bud

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Total No. of Pages : 2]

Code No.: RC-2981

80

I YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

PSYCHOLOGY

(Theory Paper)

(Revised Scheme) (1998-99 Batch & Onwards)

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

N.B :-

1) *Your Answer shall be specific to the question asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

❖ ❖ ❖

I. ***Long Essays (Answer any Two) :*** **[2 x 10 = 20]**

1) What is intelligence? Discuss the various intelligence tests and their use in a nursing situation.
2) Discuss the various theories of emotion and bring out the relationship between emotions and health.
3) Explain heredity and environment and discuss their role in causing individual differences.

II. ***Short Essays : (Any Eight)*** **[8 x 5 = 40]**

4) Usefulness of Questionnaires in education.
5) Role of Heredity & Environment on behaviour.
6) Bring out the steps in creative thinking.
7) Elaborate effective ways of memorising.
8) Explain educational implications of transfer of learning.
9) Enumerate and explain determinants of attention.
10) Discuss the role of incentives and punishment in education.
11) What is forgetting? Explain the organic (Biological) causes of forgetting.
12) Explain purposes of evaluation and their steps.
13) What are projective tests? Explain their role in personality assessment.

P.T.O.

Total No. of Pages : 2]

Code No.: RC-2981

I YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

PSYCHOLOGY

(Theory Paper)

(Revised Scheme) (1998-99 Batch & Onwards)

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

N.B :-

1) *Your Answer shall be specific to the question asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

I. ***Long Essays (Answer any Two) :*** ❖ ❖ ❖ **[2 x 10 = 20]**

1) What is intelligence? Discuss the various intelligence tests and their use in a nursing situation.
2) Discuss the various theories of emotion and bring out the relationship between emotions and health.
3) Explain heredity and environment and discuss their role in causing individual differences.

II. ***Short Essays : (Any Eight)*** **[8 x 5 = 40]**

4) Usefulness of Questionnaires in education.
5) Role of Heredity & Environment on behaviour.
6) Bring out the steps in creative thinking.
7) Elaborate effective ways of memorising.
8) Explain educational implications of transfer of learning.
9) Enumerate and explain determinants of attention.
10) Discuss the role of incentives and punishment in education.
11) What is forgetting? Explain the organic (Biological) causes of forgetting.
12) Explain purposes of evaluation and their steps.
13) What are projective tests? Explain their role in personality assessment.

P.T.O.

III. Short Answers. [10 x 2 = 20]

14) Conflicts

15) Motivational Cycle

16) "Aha! Effect" in insight learning.

17) Short term memory.

18) Span of attention

19) Social motives

20) Introspection

21) Super-Ego

22) Stress

23) Definition of Psychology

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= 20]

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Total No. of Pages : 2] **Code No.: RC-2980**

I YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

PRINCIPLES OF NURSING

(THEORY PAPER)

(Revised Scheme) (1998-99 Batch & Onwards)

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

N.B :-

1) *Your Answers shall be specific to the questions asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

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I. Long Essays (Answer any Two) :

1) Mr. Mohan aged 50 years is admitted to the ward with orthopnea and edema of the body:
   a) Explain the position and comfort devices you will provide.
   b) Prepare an outline for assessment of Mr. Mohan. **[5 + 5 = 10]**

2) a) What are the essentials of good oral hygiene.
   b) What are the ill effects of poor oral hygiene. **[5 + 5 = 10]**

3) a) Explain the characteristics of normal pulse.
   b) Explain the factors which cause variations in pulse rate. **[5 + 5 = 10]**

II. Short Essays : (Answer any Eight Questions) **[8 x 5 = 40]**

4) Significance of communication in nursing.
5) Complications of prolonged immobilization.
6) Care of patient with decubitus ulcer.
7) Blood transfusion - nurse's responsibility.
8) Methods of physical examination.
9) Care of acutely ill patients.
10) Catheterization.
11) Care of patient's unit after discharge.
12) Exercises to a patient with hemiplegia.
13) Health - illness continuum.

P.T.O.

III. Short Answers. **[10 x 2 = 20]**

14) Importance of rest and sleep.

15) Define stress

16) Cardiac bed

17) Objective data

18) Position for enema

19) Profession

20) Hand washing prior to any procedure

21) Rehabilitation

22) Care of clinical thermometer

23) Anorexia.

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x 2 = 20]

Total No. of Pages : 2]

Code No.: RC-2983

1 YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

MICROBIOLOGY (Theory Paper)

(Revised Scheme) (1998-99 Batch & Onwards)

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

N.B. :-

1) *Your Answers shall be specific to the questions asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

❖ ❖ ❖

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

1) Describe the pathogenicity and laboratory diagnosis of infection caused by Salmonella typhi. **[5 + 5 = 10]**
2) Define and classify Hypersensitivity reactions. Describe Type I Hypersensitivity reaction. **[2+3 +5 = 10]**
3) Classify Viruses. Write in detail Viral Diagnosis in the Laboratory. **[4 + 6 = 10]**

II. ***Short Essays : (Answer any Eight)*** **[8 x 5 = 40]**

4) Morphological classification of bacteria.
5) Tyndalization
6) Gonococci - morphology & cultural characters
7) Passive Immunity
8) Opportunistic Fungi
9) Bacterial Toxins
10) Agglutination Test
11) Acid fast stain
12) VDRL test
13) Cross Infection

P.T.O.

III. Short Answers. **[10 x 2 = 20]**

14) TAB Vaccine

15) Name two RNA Viruses

16) Name two Bacteria causing urinary tract infection.

17) Name two live vaccines.

18) Modes of Parasitic infestation

19) Name two bacteria causing pyogenic infections

20) Stool examination for parasites

21) Name two gram negative bacilli causing wound infection

22) IgG antibody

23) Name two methods of antibiotic sensitivity testing.

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[10 x 2 = 20]

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Total No. of Pages : 2] **Code No.: RC-2982**

I YEAR B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER - 2003

INTRODUCTION TO COMMUNITY HEALTH

(Theory Paper)

(Revised Scheme) (1998-99 Batch & Onwards)

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

N.B :-

1) *Your Answer shall be specific to the question asked.*
2) *Draw neat and labelled diagrams wherever necessary.*

❖ ❖ ❖

I. *Long Essays (Answer any Two) :* [2 x 10 = 20]

1) Explain the principles of health education and the Role of Community Health Nurse in Conducting Health Education Programme.
2) Describe the modes of disease transmission and general measures of controlling communicable diseases.
3) Discuss various nutritional programmes currently in operation and the role of Community Health Nurse in Nutrition Education and Programme.

II. *Short Essays : (Answer Any Eight)* [8 x 5 = 40]

4) Epidemiological classification of water-borne diseases.
5) Nutritional problems of Indian Community.
6) Food fortifications.
7) Chlorination of water.
8) Effects of air pollution and its prevention.
9) Light factors essential for effective vision.
10) Effects of noise exposure and its control.
11) Principles of primary health care.
12) Housing Standards.
13) Methods of excreta disposal.

P.T.O.

III. Short Answers. [10 x 2 = 2

14) Social Pathology

15) Community Sentiment

16) Primary Group

17) Role and Status

18) Social Mobility

19) Urbanisation

20) Population Explosion

21) Poverty Line

22) Social Problems

23) Acculturation

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) x 2 = 2

75

Total No. of Pages : 1]

Code No.RC-2972

I Year B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER-2003
(Old Scheme) (1996-97 Batch & 1997-98 Batch)
ANATOMY - THEORY PAPER

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

Your answers shall be specific to the question asked.
Draw labelled, neat diagrams wherrever necessarry.

I ***Long Essays:*** *(Answer any two)* [2 x 10 = 20]

1. Describe the anatomy of stomach and add a note on its microscopic structure.
2. Name the parts of male reproductive system. Describe the testis is in detail.
3. Name the coverings of heart. Describe the atrial chambers.

II ***Short Essays:*** *(Answer any eight)* [8 x 5 = 40]

4. Ovary.
5. Diaphragm and its major openings.
6. Shoulder joint.
7. Salivary glands.
8. Structure of spinal ganglion.
9. Sterno cleidomastoid muscle.
10. Bronchopulmonary segments of lung.
11. Ear ossicles.
12. Name the types of synovial joints and give examples for each.
13. Scapula.

III ***Short Answers:*** [10x 2 = 20]

14. Fallopian tube.
15. Suprarenal glands.
16. Name muscles of mastication and their actions.
17. Draw diagram of microscopic structure of cerebellum
18. Structure of skeletal muscle.
19. Microscopic structure of an artery.
20. Great saphenous vein.
21. Nephron.
22. Sciatic nerve.
23. Vocal cords.

RC—2641

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

ANATOMY

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 gross anatomy of kidney. Add a note on its microscopic structure.

2 Classify Joints. Describe structure of a synovial joint.

3 Enumerate endocrine glands. Describe the anatomy of thyroid gland.

(2 × 10 = 20 marks)

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

4 Stomach.

5 Microscopic structure of elastic artery.

6 Hip joint.

7 Fallopian tube.

8 Microscopic structure of suprarenal gland.

9 Autonomic ganglion.

10 Nasal septum.

11 Right coronary artery.

12 Testis.

13 Gluteal muscles.

(8 × 5 = 40 marks)

III. Short Answers :

14 Frontal bone.

15 Parotid duct.

16 Hyaline cartilage.

17 Thymus.

18 Branches of abdominal aorta.

19 Corpus luteum.

20 Cervical vertebrae.

21 Spinal nerve.

22 Anatomical position.

23 Trachea.

(10 × 2 = 20 marks)

73 2

Total No. of Pages : 1]

Code No.RC-2974

I Year B.Sc. NURSING (BASIC) EXAMINATION OF NOVEMBER-2003
(Old Scheme) (1996-97 Batch & 1997-98 Batch)
FUNDAMENTALS OF NURSING - THEORY PAPER

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

Answer all questions :

❖ ❖ ❖

I ***Long Essays:*** [2 x 10 = 20]

1. Write briefly the history of Nursing in India.
2. Draw a Nursing care plan for an acutely ill patient.
3. Vital signs are indications of Health status? Discuss.

II ***Short Essays:*** *(Answer any eight)* [8 x 5 = 40]

1. List the principles of Health education.
2. List the methods of maintaining Nurse - patient relationship.
3. State the purposes of bandaging.
4. State the steps of Nursing process.
5. List the importance of exercise and activity.
6. How will you maintain fluid and electrolytes balance for a patient?
7. Explain the need for maintaining accurate Recording.
8. Name the common comfort devices used in the ward.
9. List the methods of prevention of constipation.
10. List the purposes of dry heat application.

III ***Short Answers:*** [10x 2 = 20]

1. Define Nursing Diagnosis.
2. Define Medical asepsis.
3. What are the cardinal symptoms?
4. Write the meaning of suppository.
5. Write the meaning of Tartar.
6. Define a profession.
7. Define pediculosis.
8. Define anorexia.
9. What is (Fowler's) position?
10. What is meant by flatulence?

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RC—2642

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

PHYSIOLOGY AND BIOCHEMISTRY

Time : Three Hours | Maximum : 80 Marks

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

Section A (Physiology)

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

1 What is Immunity ? Explain the different types of Leukocytes and their functions.

2 With suitable diagrams, explain the mechanism of urine formation. Add a note on the composition of urine.

(1 × 10 = 10 marks)

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

3 Functions of skin.
4 Hypoxia.
5 Synaptic transmission.
6 Methods of contraception.
7 Enumerate functions of saliva.

(4 × 5 = 20 marks)

III. Short Answers :

8 Draw labelled diagram of a cell.
9 Neurone.
10 Normal ECG waves.
11 Functions of ovary.
12 Reflex arc.

(5 × 2 = 10 marks)

Section B (Biochemistry)

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

1 Describe the pathway of Glycolysis.

2 Describe the sources, R.D.A., functions and deficiency diseases of Vitamin D.

(1 × 10 = 10 marks)

II. Short Essays :

3 Metabolic acidosis.
4 Organic constituents of normal urine.
5 Digestion of carbohydrates and their absorption.
6 Essential amino acids.

(4 × 5 = 20 marks)

III. Short Answers :

7 Tests for proteinuria.
8 Disaccharides.
9 Tests for ketone bodies in urine.
10 Night blindness.
11 Structure of starch.

(5 × 2 = 10 marks)

67

RC—2644

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

GENERAL AND EDUCATIONAL PSYCHOLOGY

(New Regulations)

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 scope of psychology. Explain it with reference to nursing.
2 What is Ego defense mechanism ? Explain any *two* with examples.
3 How are perceptions organized ? Explain perceptual disturbances with examples.

(2 × 10 = 20 marks)

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

4 Distinguish between Sensation and Perception.
5 Define Intelligence. How does it help in human adjustment ?
6 Explain the factors influencing attention.
7 What is forgetting ? List some factors affecting forgetting.
8 What is conflict of motives ? Explain various types of conflicts.
9 What is a concept ? How is it developed ?
10 Explain experimental method in psychology.
11 What is transfer of learning ? Describe some modern theories of transfer of learning.
12 Span of attention.
13 Explain the characteristics of an effective teacher.

(8 × 5 = 40 marks)

III. Short Answers :

14 Levels of thinking.
15 Causes of individual differences.
16 Reasoning—types of reasoning.
17 Creativity.
18 Educational psychology and developmental psychology.
19 Integrated responses.
20 Habit interference.
21 Biological motives.
22 Emotion and health.
23 Types of intelligence.

(10 × 2 = 20 marks)

66

RC—2645

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

INTRODUCTION TO COMMUNITY HEALTH 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 Define Primary Health Care and explain the role of the multipurpose health worker female in providing Primary Health Care at the sub-centre level.

2 What are the major health problems existing in India and discuss the reasons for these problems ?

3 Discuss the role of community health nurse in the assessment and management of malnutrition among under fives.

(2 × 10 = 20 marks)

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

4 Causation theory of illness.

5 Uses of audio-visual aids in Health Education.

6 Advantages and Disadvantages of cooking.

7 Use of epidemiology in Community Health.

8 How do you estimate the nutritional status of a two year old child ?

9 Trends in management of non-communicable diseases.

10 Scope of Community Health Nursing.

11 Levels of prevention.

12 Modes of disease transmission.

13 Role of a nurse in prevention of malnutrition.

(8 × 5 = 40 marks)

III. Short Answers :

14 Ventilation.

15 Pasteurization of milk.

16 Food hygiene.

17 Methods of refuse disposal.

18 Health team.

19 Oral rehydration solution.

20 Prophylaxis.

21 Malnutrition.

22 Water-borne diseases.

23 Aims and objectives of health services.

(10 × 2 = 20 marks)

RC—2646

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

MICROBIOLOGY

(1998–99 Batch)

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 Define Immunity and classify immunity describe active immunity.

2 Describe the morphology culture pathogenicity and laboratory diagnosis of corynebacterium diphtheriae.

3 Define infection and classify infections. Discuss in detail on hospital infection.

(2 × 10 = 20 marks)

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

4 Gram's stain.
5 V.D.R.L. test.
6 Gonocci.
7 Bacterial spore.
8 Blood agar media.
9 Giardia intestinalis.
10 Bacterial meningitis.
11 M.M.R. Vaccine.
12 Hepatitis A virus.
13 Gaseous sterilisation.

(8 × 5 = 40 marks)

III. Short Answers :

14 Blood culture.
15 Write two bacterial zoonotic diseases. Names.
16 Name two sexually transmitted viral diseases.
17 How do you cultivate viruses ?
18 What is Pasteurisation ?
19 B.C.G. Vaccine.
20 Name two fungal infections.
21 Name two worms present in the small intestine.
22 What is immunisation ?
23 Bacterial flagella.

(10 × 2 = 20 marks)

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RC—2647

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

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 Distinguish between Rural and Urban communities.
2 Explain the different forms of marriage in India.
3 Discuss the basic characteristics of Indian Caste System.

(2 × 10 = 20 marks)

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

4 Concept of reference group.
5 Functions of religion in rural India.
6 Achieved status and ascribed status.
7 Urban neighbourhood.
8 Factors of social change.
9 Advantages of joint family.
10 Factors of urban community.
11 Meaning of race.
12 Importance of folkways and mores in human society.
13 Relationship between Slum and Alcoholism.

(8 × 5 = 40 marks)

III. Short Answers :

14 What is Social Interaction ?
15 Types of co-operation.
16 What is age pyramid ?
17 Explain the process of enculturation.
18 Distinguish between Competition and Conflict.
19 In group.
20 Social disorganisation.
21 Explain the concept "Population explosion".
22 Socialization.
23 Define Urbanization.

(10 × 2 = 20 marks)

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RC—2643

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, 2003

BASIC PRINCIPLES AND PRACTICES OF NURSING

(Revised Scheme)

[1998–1999 batch onwards]

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 (a) Define Nursing Process.
(b) What are the different steps in nursing process ?
(c) Explain Data Collection Procedure.

(2 + 3 + 5 = 10 marks)

2 (a) Define Communication.
(b) What are the principles of effective communication ?
(c) Explain the barriers of communication.

(2 + 3 + 5 = 10 marks)

3 (a) Define Rehabilitation.
(b) What are the principles of rehabilitation ?
(c) Role of nurse in rehabilitation.

(2 + 3 + 5 = 10 marks)
[2 × 10 = 20 marks]

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

4 Admission procedure and types.
5 Primary health nursing.
6 Catheterization in male.
7 Glycerine suppositories.
8 Retained enema.
9 Last offices of the dead.
10 Meeting nutritional needs of clients.
11 Comfort devices.
12 Team nursing.
13 Collection of specimens.

(8 × 5 = 40 marks)

III. Short Answers :

14 Barriers of communication.
15 Routes for administration of medication.
16 Define Rehabilitation.
17 Electrocardiogram.
18 Gastric lavage.
19 Define Shock.
20 POP.
21 Condom drainage.
22 Cyanosis.
23 Abnormal body temperature.

(10 × 2 = 20 marks)

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