101

1739_2011_1_S261

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 75 Marks**

BIOCHEMISTRY & BIOPHYSICS (RS–3 & RS-4)

Q.P. CODE: 1739 & 1740

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q.P. Code: 1739 – Section A – BIOCHEMISTRY (38 Marks)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Explain the various factors affecting the enzyme activities
2. Define glucose tolerance test. Describe oral glucose tolerance test. Add a note on glycosuria

HORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Describe the steps involved in the formation of uric acid
4. Diagnostic applications of serum enzymes
5. Describe the digestion and absorption of proteins
6. Discuss water balance
7. Functions of lipoproteins

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Lysozomes
9. Hyperglycemia
10. Write the normal range of (a) Serum cholesterol (b) Serum calcium
11. Vongierke's disease

Q.P. Code: 1740 – Section B – BIOPHYSICS (37 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) **1 x 9 = 9 Marks**

1. What are X-rays? How are they produced. List the properties and uses of X – rays in medicine
2. Explain the term current, voltage and resistance. Mention their units and write a note on ohm's law

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. What are the defects of vision? How are they corrected
4. Explain the difference between conduction, convection and radiation
5. Write a note on cardiac pacemaker
6. What are the applications of gravity in nursing
7. Explain the working principle of a sphygmomanometer with diagram

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Explain velocity and acceleration
9. What are the principles of traction
10. Convert 40 degree celcius to corresponding temperature in Kelvin
11. Why woolen clothes are preferred in winter

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100

1738_2011_1_S159

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 75 Marks**

MEDICAL SURGICAL NURSING
(RS–3 & RS-4)

Q.P. CODE: 1738

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. A 55 year old female patient is admitted to the ward with a non healing ulcer foot. She is a known case of Diabetics Mellitus and has been started on Inj Insulin. (a) Explain the clinical features of Diabetes Mellitus. (b) Enlist the nursing Diagnosis in this case and discuss the nursing interventions for four priority Nursing Diagnosis.
2. Sumitra Devi is admitted to orthopaedic ward after sustaining a fracture of femur and has been posted for surgery. (a) List the various modalities of management of fractures. (b) Explain the post operative Nursing care of Sumitra Devi.
3. Kishan a chronic alcoholic is admitted with a diagnosis of Cirrhosis of Liver. (a) Discuss the assessment of the patient. (b) What complications can Kishan develop?

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Nephrotic Syndrome.
5. Myxoedema.
6. Cardiogenic Shock.
7. Rehabilitation in COPD.
8. Principles of an Intensive Care Unit.
9. Complications of Burns.
10. Care of an unconscious patient.
11. Care of a patient undergoing radiotherapy.
12. Continuous Ambulatory Peritoneal Dialysis.

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SHORT ANSWERS **10 x 2 = 20 Marks**

13. Pneumothorax.
14. Digitals toxicity.
15. Cardiac Tamponade.
16. Standard Precautions.
17. Epistaxis.
18. Types of Arrythmias.
19. Osteoporosis.
20. Managent of Renal Calculi.
21. Complications of Tonsillectomy.
22. Tetany.

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99

1737_2011_1_S159

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC). Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 75 Marks**

CHILD HEALTH NURSING
(RS–3 & RS-4)

Q.P. CODE: 1737

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Mention the congenital anomalies in cardiovascular system. List the clinical manifestations of TOF. Discuss the management of child with TOF.
2. Baby. Raji, six month infant is admitted in the hospital with the complaints of bulging fontanel with head enlargement and dilated scalp veins. (a) Define that condition. (b) List out the clinical manifestations. (c) Explain the management of child with that condition including nursing process.
3. Define leukemia. Enlist the clinical manifestations of leukemia. Discuss the management of child with leukemia.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Poliomyelitis.
5. Bronchial asthma.
6. Rights of the child.
7. Reflexes of the new born.
8. Acuteglomerulonephritis.
9. Tracheoesophageal fistula.
10. Selection Play material for toddler group.
11. Restraints.
12. Emotional development of adolescence.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Scurvy.
14. Kangaroo Care.
15. Colostrum.
16. Thumb sucking.
17. Pulse polio.
18. Temper tantrums.
19. Dwarfism.
20. VSD.
21. Sunset Sign.
22. Anencephaly.

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98

1736_2011_1_S43

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 75 Marks**

MATERNAL NURSING
(RS–3 & RS-4)

Q.P. CODE: 1736

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Mrs Suma 23 year old primi gravida has just delivered a male child in the labour room
   a) What are the observations you will make on her baby immediately after delivery
   b) Write the nursing care plan for her baby for the first post natal day
2. a) What are the aims of antenatal care? b) Discuss the routine investigations done on a pregnant mother during her first visit c) Discuss systematically the methods of abdominal examination after 30 weeks of gestation
3. Discuss the minor disorders during pregnancy and their management

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Lochia
5. Medical termination of pregnancy
6. Nurses role in neonatal care
7. Parto graph
8. Amniotic fluid
9. Involution of uterus
10. Uses, action and method of administration of methergin
11. Characteristics of newborn
12. Problems of breast feeding

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SHORT ANSWERS **10 x 2 = 20 Marks**

13. CSSM (Child Survival and Safe Motherhood)
14. Caput succedaneum
15. EDD calculation (Expected Date of Delivery Calculation)
16. Natural methods of contraception
17. Etiology of infertility
18. Weight gain during pregnancy
19. Target population
20. Polarity
21. Asphyxia neonatorum
22. Permanent methods of family planning

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97

1735_2011_1_S050

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 75 Marks**

MICROBIOLOGY
(RS–3 & RS-4)

Q.P. CODE: 1735

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define and classify sterilization, discuss in detail the autoclave
2. Classify enterobacteriaceae. Discuss the morphology and laboratory diagnosis of typhoid fever
3. Define and classify hypersensitivity. Discuss in detail type IV hypersensitivity reaction

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Grams stain
5. L J media
6. Hospital infection
7. Bacterial spore
8. Laboratory diagnosis of diphtheria
9. MMR
10. Laboratory diagnosis of HIV
11. Candida albicans
12. Cultivation of viruses

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SHORT ANSWERS **10 x 2 = 20 Marks**

13. Prophylaxis of rabies
14. Name four bacteria causing food poisoning
15. State four contributions of Robert Koch.
16. Name four organisms causing UTI
17. Name four toxins of streptococci
18. Name two gaseous disinfectants
19. Name two blood parasites
20. Name two bile stained Ova
21. IGA
22. Indole test

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96

1732_2011_1_S182

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Two Hours **Max. Marks: 35 Marks**

NUTRITION AND DIETETICS
(RS–3 & RS-4)

Q.P. CODE: 1732

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. a) Define Dietetics (b) Explain the dietary management of hypertension
2. a) Discuss the importance of nutrition education (b) Explain the role of a nurse in nutrition education

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Milk hygiene
4. Preservation of food
5. Functions of carbohydrate
6. BFHI

SHORT ANSWERS **5 x 2 = 10 Marks**

7. Grilling
8. Phrynoderma
9. Kwashiorkar
10. Sources of Iron
11. Obesity

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95

1731_2011_1_S187

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Two Hours **Max. Marks: 35 Marks**

NURSING FOUNDATION
(RS–3 & RS-4)

Q.P. CODE: 1731

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Discuss in detail the Bio medical waste management
2. Describe the concept of health and illness

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Problem oriented nursing
4. Total quality management
5. Nursing audit
6. Developmental concept of pre adolescent

SHORT ANSWERS **5 x 2 = 10 Marks**

7. Career planning
8. Responsibilities of a graduate nurse
9. Definition of nursing diagnosis
10. Quality assurance
11. Problems of old age

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1707_2011_1_S222

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

CONCEPTS & COMPONENTS OF NURSING
(Revised Scheme)

Q.P. CODE: 1707

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Give any two definitions in nursing. List the criteria of a profession
2. Explain the process of communication. How will you communicate with a person hard of hearing
3. Mr. kumar admitted to the ward with complains of dyspnoea, cough and fatigue. He was diagnosis to have bronchial asthma
   a) List the nursing diagnosis according to priority for Mr. kumar
   b) Prepare a nursing care plan for him on five priority problems

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Explain briefly the current concepts of nursing care
5. "Interpersonal relationship is very essential in nursing" discuss briefly
6. Principles of record writing and care of records
7. Contra – indications in hot and cold application
8. Community as a client
9. Common errors that a beginning students can make in medicine administration
10. Need for theories in nursing
11. Explain the important principles to be following before giving oxygen inhalation
12. Techniques of physical examination
13. Total patient care

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Define anxiety
15. Why is Benedict's solution boiled before adding urine
16. Differentiate between interventions and implementation
17. List the nursing management for pain
18. Define stress
19. Progressive patient care
20. Define mental health
21. Communication barriers
22. Define Rehabilitation
23. Scientific principles

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1705_2011_1_S46

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

ANATOMY & PHYSIOLOGY

Q.P. CODE: 1705 & 1706

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q.P. Code: 1705 – Section A – ANATOMY (40 Marks)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Name the papillae of the tongue. Describe the tongue
2. List the parts of male reproductive system. Describe the prostate

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Gall bladder
4. Appendix
5. Blood supply of heart
6. Sternoelecdomastoid muscle
7. Brachial artery

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Name the salivary gland
9. Name the parts of brain
10. Name the spinal nerves
11. Golgi apparatus
12. Name the parts of stomach

Q.P. Code: 1706 – Section B – PHYSIOLOGY (40 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Name the blood group systems. Explain the basis for its classification. Add a note on its clinical importance. What are the precautions we must take before blood transfusion, and what are the complications of mismatched blood transfusion
2. Define cardiac output, and cardiac index. Give its normal values. Describe the factors regulating cardiac output

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Draw a spirogram indicating various lung volumes and capacities
4. Explain the movements of small intestine
5. Write briefly about artificial kidney
6. Explain the mechanisms for heat loss and gain by the body
7. Explain briefly reflex arc with the help of a diagram

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Name the muscle of respiration
9. List four functions of stomach
10. What are the functions of Iris
11. Mention any four hormones that increases the blood sugar level
12. List the functions of Oestrogen

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92

1704_2011_1_S43

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1704

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Mention the sources of infection. Give an account of hospital infection (HAI) and control
2. Name the oraganisms causing urinary tract infections. Describe the laboratory diagnosis of U T I
3. Name the nematodes. Give an account of Hook worm infection

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Acquired immunity
5. Capsule
6. Alberts stain
7. Agglutination
8. Plasmodium falciparum
9. Enteric fever
10. Dermatophytes
Q. Hepatitis 'A' virus
12. Blood culture
13. Laboratory diagnosis of syphilis

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Name four grampositive cocci
15 Fumigation practices
16. Name two zoonotic parasitis diseases
17. Casoni's test
18. Enterobius vermiclilaris (pin worm) life cycle
19. Hanging drop
20. Microscopic appearance of microfilariae
21. Diagram of IgG
22. Oral polio vaccine
23. Blood agar



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1703_2011_1_S189

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

GROWTH AND DEVELOPMENT INCLUDING REPRODUCTIVE AND CHILD HEALTH (Revised Scheme)

Q.P. CODE: 1703

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define growth and development. Discuss the factors influencing growth and development
2. Discuss the methods of abdominal examination of pregnant mother with findings
3. List the birth injuries. Discuss the management of the newborn with asphyxia

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Probable signs of pregnancy
5. Examination of placenta
6. Applied nutritional programme
7. Temper tantrum and management
8. Nutritional requirement of preschooler
9. Road to health chart and its uses
10. Psychosocial development of school age child
11. Physical and sexual development of adolescent girl
12. Physical problems of old age and remedial measures
13. Preparation for marriage

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Balanced diet
15. Fertilization
16. Supplementary feeding
17. Infant
18. Functions of protein
19. Germinal layers in embryonic period
20. Caput succedaneum
21. Rooming in
22. Solitary play
23. Cold chain

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90

1702_2011_1_S44

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1702

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. What are the health problems of the different social classes?
2. What is culture? Explain the cultural factors unfavorably affecting the helath of people
3. What is family? Explain the different types of families

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Explain the importance of sociology in nursing profession
5. Explain the technological factor of social changes
6. Explain the process of socialization
7. Explain the characteristics of urban communities
8. Health consequences of Alcoholism
9. Define the characteristic feature of social stratification
10. What are the types of social groups explain
11. Explain the community development programmes
12. Explain the rights and privileges of women
13. Explain cooperation

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Individualization
15. Community disorganization
16. Populations explosion
17. Monogamy
18. Horizontal mobility
19. Juvenile delinquency
20. Formal social control
21. Child centered family
22. Cultural lag
23. Social welfare planning

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1701_2011_1_S42

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination - Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

GENERAL AND EDUCATIONAL PSYCHOLOGY
(Revised Scheme)
Q.P. CODE: 1701

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Describe the scope of psychology. Explain it with reference to nursing
2. Explain the role of autonomic nervous system in emotion. Explain the physiological correlates of emotion
3. How is personality assessed? What are the different "types" of personality?

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Merits & demerits of introspection method
5. Discuss the nature & causes of individual difference in human development
6. Explain the factors fostering creativity
7. What is the significance of personal& social motives?
8. Discuss the different types of learning
9. Explain the factors influencing attention. What is division of attention?
10. Distinguish between "short-term0memory" & "long-term-memory"
11. What are concepts? Explain piaget's theory of conceptual development
12. Explain the role of rewards & incentives in learning
13. What is IQ? Discuss the uses & application of intelligence testing

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Frustration
15. Super-Ego
16. Integrated responses
17. Levels of consciousness
18. Conflicts
19. Hypothesis
20. Define perception
21. Creative thinking
22. Trail & error learning
23. Biological motives

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1676_2011_1_S221

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sep 2011

Time: Three Hours **Max. Marks: 80 Marks**

ANATOMY (Revised Scheme)

Q.P. CODE: 1676

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Name the parts of female genital system. Describe the uterus in detail
2. Classify the bones. Describe the long bone in detail
3. Name the different parts of pharynx. Describe nasopharynx in detail

SHORT ESSAYS **8 x 5 = 40 Marks**

4. Thymus
5. Cerebral hemisphere
6. Skeletal muscle tissue
7. Superarenal gland
8. Microscopic structure of thyroid gland
9. Microscopic structure of parotid gland
10. Trachea
11. Pericardium

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Name any four cranial nerves
13. Name any four branches of external carotid artery
14. Cephalic vein
15 Brachial artery
16. Name the muscles supplied by musculocutaneous nerve
17. Name the atypical cervical vertebra
18. Name the boundaries of femoral triangle
19. Name the bones forming the pelvis
20. Mention any four peculiarities of clavicle
21. Name the ligaments of ankle joint

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1739_2011_2_S221

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 75 Marks**

BIOCHEMISTRY & BIOPHYSICS (RS–3 & RS-4)

Q.P. CODE: 1739& 1740

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q.P. Code: 1739 – Section A – BIOCHEMISTRY (38 Marks)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Discuss the formation of Glucose form lactate
2. Name the ketone bodies. Discuss ketogenesis and ketolysis

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Hormonal regulation of blood glucose levels
4. Diagnostically important enzymes
5. Digestion of fats
6. Discuss the regulatory mechanism of water balance
7. Discuss uric acid formation

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Glycosuria
9. Functions of albumin
10. Ribosomes
11. Give the normal serum levels of (a) Sodium (b) Potassium

Q.P. Code: 1740 – Section B – BIOPHYSICS (37 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) **1 x 9 = 9 Marks**

1. Discuss the application of pressure in nursing
2. What is the principle of ECG? Explain how ECG is taken and tracings are interpreted

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. What are the applications of gravity in nursing? Explain any two application
4. What is osmosis? Explain osmotic pressure
5. What is noise pollution? How it can be prevented
6. Define frequency and wavelength obtain the relation between energy, frequency and wave length of light
7. What is pacemaker? Explain its application

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Define uniform velocity and acceleration
9. What are systolic and diastolic
10. Define electric current and election potential
11. What is defibrillation

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1738_2011_1_S45

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 75 Marks**

MEDICAL SURGICAL NURSING
(RS–3 & RS-4)

Q.P. CODE: 1738

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Mr. Ismail is admitted in intensive care unit and is diagnosied as right sided stoke
   a) List your nursing diagnosis for Mr. Ismail
   b) Write the pathophysiology of right sided stoke
   c) Write in detail about nursing care for three problems
2. Mrs. Leena aged 40 years, weighing 50 kg has 35% burns, admitted in burns ward
   a) Write pathophysiology of burns
   b) Calculate fluid plan for Leena
   c) Write your nursing care for three problems
3. Define fracture. List different types of fractures. Write your nursing care of a person suffering with right femur fracture

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Acidosis
5. Arrhythmias
6. C O P D
7. Radiotherapy
8. Erysepelas
9. Health education to diabetic patient
10. Malaria
11. Thyroid crisis
12. Leukemia

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Pemphigus
14. Subluxation
15. Fistula
16. Emphysema
17. Ophthalmic drugs
18. Cardiac tamponade
19. Aneurysm
20. Pyurea
21. Fever
22. Incontinence

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1737_2011_1_S152

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 75 Marks**

CHILD HEALTH NURSING
(RS–3 & RS-4)

Q.P. CODE: 1737

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. A twelve year old has been admitted with nephrotic syndrome. (a) Define nephrotic syndrome (b) Mention the clinical features (c) Plan the nursing care of this child.
2. Describe the developmental needs of a toddler. Discuss any three health problems common in toddlerhood.
3. Discuss in detail any two national programs related to child health and welfare.

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Care of child following Colostomy.
5. Prevention of accidental poisoning in children.
6. Leukemia.
7. Types of play in children.
8. Tetralogy of Fallot.
9. Child welfare Agencies.
10. Organization of Neonatal Intensive Care Unit.
11. Management of a Mentally Challenged Child.
12. Under Five Clinics.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Nebulization in children.
14. Infant Mortality Rate.
15. First aid during Convulsions.
16. Tics.
17. Deficiency of Vitamin D in children.
18. Pain assessment in children.
19. Separation anxiety in children.
20. Sunset sign.
21. Prevention of Hepatitis B in children.
22. Anthropometric Measurements.

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1735_2011_1_S221

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 75 Marks**

MICROBIOLOGY
(RS–3 & RS-4)

Q.P. CODE: 1735

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define viruses. Classify viruses. Explain life cycle of viruses
2. Classify Mycobacteria. Explain pathogenicity and laboratory diagnosis of pulomonary tuberculosis add a note on RNTCP
3. Define Hypersensitivity. Classify Hypersensitivity and write about type I Hypersensitivity

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Different shapes of bacteria with examples
5. Bacterial capsule composition and functions
6. Explain bacterial growth curve
7. Radiations in sterilization
8. Widal test
9. Food poisoning
10. Koch's postulates
11. Mumps
12. Intestinal amoebiasis

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Name any two bacterial respiratory diseases
14. Name the dermatophytes
15. Steps of gram's staining
16. BCG vaccine
17. Name any four RNA viruses
18. Mention any two zoonotic diseases
19. Mention any two DNA viruses
20. Mention any two food poisoning causing bacteria
21. Mention any four modes of transmission of HIV
22. Mention any two types of infectious wastes in hospital

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1734_2011_1_S224

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 75 Marks**

PSYCHOLOGY
(RS–3 & RS-4)

Q.P. CODE: 1734

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define intelligence. Explain the classification of intelligence test
2. What are the nature and causes of individual differences
3. Explain the laws of learning and their application in education

SHORT ESSAYS (Answer any Seven) **7 x 5 = 35 Marks**

4. Methods of memorizing
5. Tools to improve memory
6. Determinants of attention
7. Types of thinking
8. Type cum trait theory of personality
9. Self actualization theory
10. Emotional states
11. Define attitudes & explain the nature of attitudes
12. Chaacteristies of a mentally healthy person

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Teacher qualities
14. Forgetting
15. Behaviour
16. Extrovert
17. Motives
18. Conflict
19. Id, Ego & superego
20. Mnemonics
21. Reasoning
22. Abstract thinking

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1732_2011_1_S104

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Two Hours **Max. Marks: 35 Marks**

NUTRITION AND DIETETICS
(RS-3 & RS-4)

Q.P. CODE: 1732

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Discuss in detail the importance of Nutrition in Health
2. Discuss the balanced diet and dietary requirements for adolescent girls

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Composition of Breast milk & cow's milk
4. Therapeutic diet for the hepatic disorders
5. Prevention of Nutritional anemia
6. Methods of nutritional education for community

SHORT ANSWERS **5 x 2 = 10 Marks**

7. Calorie requirements of toddler, preschooler and school age
8. Iodine deficiency disorders
9. Low cost protein rich food
10. Scurvy
11. PFA Act

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81

1731_2011_1_S181

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Two Hours **Max. Marks: 35 Marks**

NURSING FOUNDATION
(RS–3 & RS-4)

Q.P. CODE: 1731

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Discuss the importance of theories in nursing practice. Explain in detail Florence nightingale theory? **(2+8)**
2. Discuss the trends influencing nursing practice? **(2+8)**

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Problem oriented nursing
4. Assessment phase of nursing process
5. Problems of old age
6. Total quality management

SHORT ANSWERS **5 x 2 = 10 Marks**

7. Recording
8. Nursing care plan
9. Tools for evaluation
10. Intensive care unit
11. Define profession

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1707_2011_1_S223

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 80 Marks**

CONCEPTS & COMPONENTS OF NURSING
(Revised Scheme)

Q.P. CODE: 1707

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define interpersonal relationship (IPR)
   b) Explain the principles of interpersonal relationship
   c) How can you make the Nurse – patient relationship therapeutically effective
2. a) Differentiate between the theory and conceptual model of nursing
   b) Explain Dorothy orems theory of nursing
3. a) What is stress
   b) Enumerate factors influencing the response to stress
   c) Explain the body's response to stress

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Barriers of communication
5. Maslow's hierarchy of needs
6. Advantages of team nursing
7. Nursing measures in a patient with retention of urine
8. Methods of data collection
9. Rehabilitation team
10. Scientific principles to be applied while giving an intramuscular injection
11. Methods used in physical examination
12. Multidisciplinary approach
13. Nursing as a profession

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Concept of stigma
15. List the coping strategies
16. Non verbal communication
17. Range of motion exercise
18. Differentiate between subjective and objective data
19. List four characteristics of a mentally healthy person
20. Role of silence in-communication
21. Health care delivery system
22. List 5 importance records maintained for a patient
23. Phases of an interview

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1705_2011_1_S221

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 80 Marks**

ANATOMY & PHYSIOLOGY

Q.P. CODE: 1705 & 1706

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q.P. Code: 1705 – Section A – ANATOMY (40 Marks)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Name the parts of urinary system. Describe the kidney in detail
2. Classify Muscle tissue. Describe the skeletal muscle in detail

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Pituitary gland
4. Spinal cord
5. Right atrium
6. Pleura
7. Diaphragm muscle

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Macrophages
9. Subclavian vein
10. Myelin sheath
11. Name the ligaments of shoulder joint
12. Name the parts of mandible

Q.P. Code: 1706 – Section B – PHYSIOLOGY (40 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. With neat diagram describe different lung volumes and capacities. What is dead space air
2. Name adreno – cortical hormones. Describe functions of cortisol

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Describe different types of white blood cell
4. Describe functions of liver
5. Define blood pressure. What are the factors determining blood pressure
6. Trace the pain pathway
7. Describe micturition reflex

SHORT ANSWERS **5 x 2 = 10 Marks**

8. functions of middle ear
9. Actions of aldosterone
10. Define clotting time. And give its normal value
11. Draw neat labelled diagram of reflex arc
12. Enumerate functions of oxytocin

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1704_2011_1_S221

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 80 Marks**

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1704

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define infection. Write a note on different sources of infection and modes of transmissions of infections
2. Describe the morphology, pathogenesis and laboratory diagnosis of Entamoba hstolytica
3. Describe the pathogenesis, Clinical features and laboratory diagnosis of enteric fever

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Type IV Hypersensitivity
5. VDRL test
6. Gram's staining
7. Life cycle of Ancylostoma duodenale
8. Radiations in sterilization
9. Name the antibiotic sensitivity tests, explain anyone in detail
10. Explain treatment methods of biomedical waste management
11. Food poisoning
12. Bacillary dysentery
13. Explain bacterial growth curve

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Draw a neat labeled diagram of Giardia intestinalis
15. Name any four transmissions of HIV
16. Name the antibodies
17. Tyndalization
18. BCG vaccine
19. Name any two sexually transmitted diseases
20. Name any two aldehydes used as disinfectants
21. Name any four bacterial filters
22. Name four gram negative-Ve bacilli
23. Draw Immunoglobulin G

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1703_2011_1_S188

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 80 Marks**

GROWTH AND DEVELOPMENT INCLUDING REPRODUCTIVE AND CHILD HEALTH (Revised Scheme)

Q.P. CODE: 1703

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Discuss the minor disorders of pregnancy and the management
2. Define Neonate. Elaborate the immediate care of newborn
3. Discuss the health promotional activities for old age

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Weight gain in pregnancy
5. Probable signs of pregnancy
6. Nurses role in prevention and management of breast engorgement
7. Psychosexual theory of development
8. Physical characteristics of newborn
9. Oedipal complex
10. Development tasks for school age child
11. Dietary plan for adolescent girl
12. Immunization schedule
13. Classification and functions of lipids

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Embryo
15. Artificial feeding
16. Weaning
17. Menarche
18. Vitamin A deficiencies
19. Calculation of expected date of delivery
20. Signs of placental separation
21. Still birth
22. Trust versus mistrust
23. Quickening

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1702_2011_1_S51

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours **Max. Marks: 80 Marks**

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1702

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. What is society? Discuss it's evolution
2. Define social processes. Explain its various kinds
3. What do you mean socialization? Justify its role in health services

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Importance of sociology
5. Origin of caste system
6. Race and its various kinds
7. Isolation ad its uses
8. Meaning of social groups
9. Family and its problems in India
10. Growth of cites in India
11. Define social class and natures
12. Social mobility and its types
13. Features of Indian villages

SHORT ANSWERS **10 x 2 = 20 Marks**

14. What is estate?
15. Marriage – its literary meaning
16. Social medicine
17. Cultural lag
18. Meaning of competition
19. Define social change
20. Causes of population explosion
21. Norms and values
22. Meaning of city
23. C.D.P (Community Development Programs)

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1701_2011_1_S41

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing (PC) Degree Examination - Feb/March 2011

Time: Three Hours **Max. Marks: 80 Marks**

GENERAL AND EDUCATIONAL PSYCHOLOGY
(Revised Scheme)

Q.P. CODE: 1701

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define psychology & explain its nature and scope with special reference to nursing
2. What is frustration? Distinguish between "task oriented" and "defense-oriented reaction"
3. Explain the trait theory of personality discuss the various trait compositions necessary to have effective nurse-patient relationship

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Explain experimental method making use of a research project as an example
5. What is conflict of motives? Explain various types of conflict
6. Explain the determinations of attention. What is division of attention?
7. Discuss the role of heredity & environment on human development
8. Define learning. Explain various types of learning
9. Bring out the steps involved in creative thinking
10. What is forgetting? Explain the organic causes of forgetting
11. What are the various tools & tests of evaluation?
12. What are the verbal & non – verbal tests in intelligence?
13. What are the important characteristics of an effective teacher?

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Introspection
15. Instincts
16. Super-Ego
17. Attitude
18. Extra – sensory perception (E S P)
19. Regression
20. Illusions
21. Define perception
22. IQ
23. Biological motives

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