Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination - September 2014

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 the scope with special reference to nursing
2. Explain classical conditioning theory of learning
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 conflicts
6. Explain the determinants of attention.
7. Discuss the role of heredity & environment in 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 verbal & non – verbal tests of intelligence
12. What are the various tools & tests of evaluation
13. What are the important characteristics of an effective teacher

SHORT ANSWERS 10 x 2 = 20 Marks

14. Introspection
15 S. T. M.
16. Super – Ego
17. Attitudes
18. Extra – sensory perception (E S P)
19. Regression
20. Illusions
21. Define perception
22. I Q
23. Biological motives

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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 socialization? Explain the stages and agencies of socialization of an individual
2. Define marriage. Explain the different forms of marriage
3. What do you mean by social stratification? Examine the stratification of Indian society

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

4. Health problems of rural community
5. Significance of sociology
6. Distinguish between society and community
7. Rural development programmes
8. Social control
9. Theories of social change
10. Joint family
11. Health hazards of Alcoholism
12. Poverty and health
13. Classification of social group

SHORT ANSWERS 10 x 2 = 20 Marks

14. Tribal community
15 Folk ways
16. Role and status
17. Cultural – lag
18. Malthusian theory of population
19. Nuclear family
20. Senior Citizen
21. Accommodation
22. Mob
23. Negative role of isolation

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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. a) Explain in brief about stages of normal labour.
   b) Describe the physiology of first stage of labour.
2. a) Define fertilization.
   b) Describe the development of fertilized ovum.
3. a) Write briefly the development task of adulthood
   b) Discuss in detail the problems of adulthood.

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

4. Birth injuries
5. Features of premature infant
6. Physical changes during puberty
7. Plan a diet for a lactating mother
8. Marital adjustments
9. RCH Programme
10. Social and emotional development of a preschooler
11. Health problems of elderly
12. Weaning
13. Psycho sexual development

SHORT ANSWERS 10 x 2 = 20 Marks

14. Apgar score
15 Moulding
16. Implantation
17. Embryo
18. Trust v/s Mistrust
19. Enuresis
20. Importance of family
21. List the behavioural problem of toddler
22. Sources and deficiency of protein
23. Sources and deficiency of vitamin C

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – September 2014

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 sterilization and list the methods of sterilization. Describe in detail the functioning of an autoclave.
2. Define and classify immunity. Describe acquired immunity.
3. Write briefly on poliomyelitis and discuss the prophylaxis.

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

4. Bacterial spore
5. Anaphylaxis
6. Laboratory diagnosis of hepatitis B virus infection
7. Dermatophytes
8. Nosocomial infection
9. Prophylaxis for rabies
10. Immunoglobulin M (Ig M)
11. Laboratory diagnosis of enteric fever
12. Life cycle of Ancylostoma duodenale (Hook worm)
13. ELISA

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two spore-bearing bacteria.
15 Classify hypersensitivity.
16. Draw a neat, labeled diagram of the egg of Enterobius vermicularis (Pin worm)
17. Write two contributions of Louis Pasteur.
18. Define enriched media. Give one example.
19. Name two biological vectors and the disease transmitted by them.
20. Name two bacteria causing sexually transmitted infections.
21. Name two viruses causing diarrhea.
22. Draw a neat, labeled diagram of HIV virus.
23. VDRL test

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

Time: 3 Hours | Max. Marks: 40 Marks

Anatomy

Q.P. Code : 1705

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

(Note : Both QP Codes 1705 and 1706 are to be answered within total duration of 3 hours)

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

1. Describe in detail the anatomy of thyroid gland.
2. Mention the parts of the digestive tract. Describe Stomach in detail.

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

3. Tongue
4. Spleen
5. Uterus
6. Deltoid muscle
7. Broncho pulmonary segments

SHORT ANSWERS — 5 x 2 = 10 Marks

8. How many cervical and thoracic vertebrae are there?
9. Gluteus Muscle
10. Gall bladder
11. Name the parts of the brain stem.
12. What are the branches of the aorta?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

Time: 3 Hours Max. Marks: 40 Marks

Physiology

Q.P. Code : 1706

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

(Note : Both QP Codes 1705 and 1706 are to be answered within total duration of 3 hours)

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

1. Describe Rh blood group system and explain importance of determining Rh blood group in pregnant woman.
2. Name the hormones of pancreas and describe the actions and regulation of secretion of insulin.

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

3. Classify the receptors and name the properties of receptors.
4. Describe formation, circulation and composition of Lymph.
5. Write composition and functions of gastric juice.
6. Write neat diagram of Juxta-Glomerular apparatus and enumerate its functions.
7. Describe with neat diagram secretary phase of menstrual cycle.

SHORT ANSWERS 5 x 2 = 10 Marks

8. Name the receptors of hearing and equilibrium.
9. Define cardiac cycle.
10. List four functions of Leucocytes.
11. Write functions of Neuroglia.
12. Write the different forms in which O_2 is, transported from lungs to tissues.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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. Explain about nursing care plan.
2. How will you develop communication skills?
3. (a) Components of theory (b) Discuss about Orem's theory.

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

4. Total patient care
5. Communication process
6. Interpersonal relationships
7. Nursing principles
8. Concepts of illness
9. Professional nurse's role
10. Coping strategies in stress
11. Levels of preventive care
12. Nursing paradigm
13. Elements of professional communication

SHORT ANSWERS 10 x 2 = 20 Marks

14. Rehabilitation
15 Stress
16. Hospital
17. Medical diagnosis
18. Case management
19. Health promotion
20. Illness prevention
21. Nursing process
22. Types of data
23. Culture

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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. Explain the current trends of Nursing Education in India.
2. Explain the role of professional bodies in maintaining nursing care standards

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

3. Explain progressive patient care
4. Describe the expanded role of nurse
5. Enumerate the developmental tasks of adulthood
6. Explain the method of segregation of waste in a surgical ward

SHORT ANSWERS 5 x 2 = 10 Marks

7. Define stress
8. List four importance of nursing audit
9. List four tools used for assessment of a patient
10. Define ethics
11. List any four tools of evaluation

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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 the Nutritional problems and explain the current national nutrition programmes
2. Define Balanced diet. Explain the components of Balanced Diet

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

3. Discuss the routine hospital Diets
4. Food hygiene and its effects
5. Planning for a Balanced Diet
6. Micro & Macro nutrients

SHORT ANSWERS 5 x 2 = 10 Marks

7. Malnutrition
8. Dietary needs of a pregnant woman
9. Nutrition education
10. Supplementary feeding
11. Weaning

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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 psychology & explain its nature and scope with special reference to nursing.
2. What is frustration? Distinguish between task-oriented and defense-oriented reactions.
3. Define personality. Discuss the various methods of assessing personality.

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

4. Types of memory
5. Heredity and environment
6. Trial and error learning
7. Types of intelligence tests
8. Factors determining attention
9. Modification of attitudes
10. Physiological changes during emotions
11. Laws of learning
12. Characteristics of a mentally healthy person

SHORT ANSWERS 10 x 2 = 20 Marks

13. Variables
14. Psycho sexual stages of development
15. Genius
16. Defense Mechanism
17. Organization of perception
18. Forgetting
19. Reinforcement
20. Hypothesis
21. Chromosomes
22. Aptitude tests

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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. Describe the morphology of a bacterial cell with a neat, labeled diagram.
2. Describe the pathogenecity and laboratory diagnosis of cholera.
3. Describe the various methods of cultivation of viruses.

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

4. Prophylaxis for tetanus
5. Hot air oven
6. Acquired immunity
7. Laboratory diagnosis of diphtheria
8. Anaphylaxis
9. Dermatophytes
10. Laboratory diagnosis of HIV infection
11. Life cycle of plasmodium vivax in man
12. Nosocomial infection

SHORT ANSWERS 10 x 2 = 20 Marks

13. Mantoux test
14. Draw a neat, labeled diagram of Hepatitis B virus.
15. Name two bacteria causing food poisoning.
16. What is a biological indicator of sterilization? Give an example.
17. Write the steps of Gram's staining.
18. Define an antigen.
19. Draw a neat, labeled diagram of trophozoite of entamoeba histolytica.
20. Name two parasites transmitted through oral route.
21. VDRL test
22. Name two bile stained eggs.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – September 2014

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. a) Define puerperium.
   b) Explain the physiological changes that take place during puerperium. (2+8)
2. a) Explain minor disorders of pregnancy.
   b) Discuss the role of midwife in educating pregnant women about antenatal care and diet. (5+5)
3. a) What is Ectopic pregnancy?
   b) Enumerate signs and symptoms of Ectopic pregnancy.
   c) Explain the management of patient with Ectopic pregnancy. (2+4+4)

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

4. List the complications of caesarean section.
5. What are all the advantages and disadvantages of vacuum extraction?
6. Explain about lovset manoeuvre method.
7. Diagnosis of occipito-posterior position during pregnancy and delivery.
8. Characteristics of a preterm baby.
9. Explain about effects of diabetes on pregnancy.
10. Explain about mechanism of placental separation.
11. Role of the nurse in infertility management.
12. Medical termination of pregnancy.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Two contraindications for oral contraceptives
14. Define family welfare programme.
15. Define vasectomy.
16. Mention any two differences between methergin and oxytocin.
17. What is the meaning of lightening and when it happens?
18. What is False labour pain?
19. what do you mean by show?
20. What is Cervical effacement?
21. Define episiotomy.
22. What are the causes of Precipitate labour?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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 six month old baby admitted with the diagnosis of Pneumonia (a) Classify Pneumonia (b) List the signs and symptoms (c) Explain medical and nursing management of Pneumonia.
2. Explain the clinical features, complications and nursing management of a child with nephrotic syndrome.
3. Explain the role of a nurse in Preventive Pediatrics.

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

4. Enumerate the Newborn reflexes.
5. Write the management of Juvenile diabetes.
6. Illustrate the causes and care of the child with Rectal prolapse.
7. Nursing care of child with acute leukemia.
8. Explain Colostomy care.
9. Enumerate the prevention of helminthic infestations.
10. Explain the Restraints in children.
11. Write the management of Patent Ductus Arteriosus.
12. Explain the rehabilitation care of a child with Cerebral Palsy.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define meningitis.
14. Mention the types of club foot.
15. Define Sickle cell anemia.
16. Mention the sources and deficiencies of vitamin- C.
17. Mention the uses of growth chart.
18. Define Enuresis.
19. APGAR Score.
20. Expand UNICEF and mention two objectives.
21. Role of nurse in selection of play material
22. Weaning

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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) Define Epilepsy
   b) List & explain the classification of seizures
   c) Discuss the Nurse's responsibilities before during and after seizures (2+3+5)
2. a) Define Asthma
   b) Explain pathophysiology of Asthma
   c) Write the Nursing management of a patient during acute exacerbation of symptoms of asthma (2+3+5)
3. a) define glaucoma
   b) List the types of glaucoma
   c) List the surgical approaches and long term management of a client with glaucoma (2+2+6)

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

4. Nurse's responsibilities before, during & after blood transfusion
5. Pathophysiology of congestive cardiac failure
6. Health education for a patient with hepatitis
7. Complications of diabetes mellitus
8. Stages of bone healing
9. Haemodialysis
10. Tracheostomy & its care
11. Surgical measures for cataract
12. Diagnostic measures in pulmonary tuberculosis

SHORT ANSWERS 10 x 2 = 20 Marks

13. Amputation
14. Types of shock
15. Causes of blindness
16. Types of aphasia
17. Quinsy
18. Paraplegia
19. Chorea
20. Cholecystitis
21. Haemophilia
22. Emphysema

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – September 2014

Time: 3 Hours Max. Marks: 38 Marks

Biochemistry

Q.P. Code : 1739

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

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

1. Describe glycogen metabolism.
2. Describe the formation of uric acid and add a note on Gout.

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

3. Classify lipoproteins and write their functions.
4. Functions and sources of Sodium
5. What are iso-enzymes? Describe their diagnostic importance with one example.
6. What are plasma proteins? Mention their functions.
7. Describe urea cycle
   or
   Biomedical waste management.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Benedict's test
9. Name bile acids and write their role in digestion.
10. Give normal serum levels for (a) Sodium (b) Potassium (c) Calcium and (d) Urea
11. Name four compounds derived from cholesterol.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – September 2014

Time: 3 Hours | Max. Marks: 37 Marks

Biophysics

Q.P. Code : 1740

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

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

1. Describe types of Thermometers. Explain why mercury is a preferred thermometer liquid.
2. Explain Biological effects of light.

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

3. Explain the effects of electricity on human body.
4. Explain centrifuge and its uses
   or
   Arterial and venous blood pressures
5. Explain the forces acting on human body.
   Or
   Effect of gravitational force on human body
6. How body temperature is regulated?
7. State laws of reflection and refraction.

SHORT ANSWERS 4 x 2 = 8 Marks

8. What is audiometry?
9. Define specific heat. Give its unit.
10. Differentiate:Kinetic and Potential energy.
11. What is Displacement? Give its unit.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April/May 2014

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. Sheela a 32 year old lady is posted for Thyroidectomy. (a) Discuss the management of Sheela after Surgery. (b) What complications can she develop?
2. Mr. Ashok is admitted to your ward with End Stage Renal Disease. (a) Discuss his Nursing Care using Nursing Process approach. (b) What Health Teaching will you give him regarding Renal Diet?
3. (a) Define Cerbro Vascular Accident. What are its causes? (b) Explain the Nursing care of a patient with CVA and Right Sided Hemiplegia.

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

4. Diabetic Ketoacidosis.
5. Thrombolytic Therapy.
6. Care of a patient on Chemotherapy.
7. Complications of Mechanical Ventilation.
8. Defibrillation.
9. Complications of Head Injury.
10. Nursing care during Blood Transfusion.
11. Care of patient with COPD.
12. Nursing care in Epilepsy.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Complications of CPR.
14. Spinal Shock.
15. Causes of Incontinence.
16. Retinal Detachment.
17. Observations on a patient with POP.
18. Quinsy.
19. Records in ICU.
20. Intra cranial Pressure.
21. Types of Shock.
22. Complications of Amputation.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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) Define protein energy malnutrition, explain the classification in detail
   b) Write the nursing management of 5 years old child with severe malnutrition.
2. Discuss in detail about growth and development of a toddler.
3. a) Discuss the pathophysiology and clinical manifestations of nephrotic syndrome.
   b) Draw a nursing care plan for a child diagnosed with nephrotic syndrome.

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

4. Importance of breast feeding.
5. Role of pediatric nurse in caring for a hospitalized child.
6. Care of a baby in Incubator
7. Newborn assessment
8. Nursing management of low birth weight babies.
9. Rheumatic fever.
10. Mentally challenged children.
11. Hemophilia.
12. Diphtheria.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Types of fracture.
14. Phototherapy.
15. Weaning
16. Epilepsy
17. Types of play.
18. Trust Vs Mistrust.
19. National policy for children .
20. Respiratory distress syndrome
21. Equipments prepared for neonatal resuscitation.
22. Preventive immunization.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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. Describe the changes in the functions of family in modern India
2. Discuss how sociology is related to other social Sciences
3. Discuss the concept of poverty & give suggestions to prevent

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

4. Community development programmes
5. Health beliefs relating to food
6. Agencies of Socialization
7. Types of Marriage
8. Goals of social control
9. Nature of Society
10. Problem of housing
11. Education & Health are inter linked Explain
12. Social medicine & health
13. Social stratification

SHORT ANSWERS 10 x 2 = 20 Marks

14. Family Budget
15 Urban community
16. Material culture
17. Organic Isolation
18. Negative Sanctions
19. Social Physiology
20. Factions
21. Explain Auguste comte view
22. Adolescent Counseling Centre
23. Gestalt Nature

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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. a. Enumerate the signs and symptoms of pregnancy.
   b. Discuss the diagnosis of pregnancy.
2. a. What are the complications of breech delivery?
   b. Describe the management of breech presentation.
3. a. What are the causes of Asphyxia neonatorum?
   b. Describe its clinical features and management.

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

4. Growth of the pregnant uterus
5. Physiology of lactation
6. Causes of neonatal convulsions
7. Immediate care of newborn
8. Cord presentation
9. Pelvic inflammatory disease
10. Diameters of the gynaecoid pelvis
11. Medical termination of pregnancy
12. Physiological changes during first stage of labour

SHORT ANSWERS 10 x 2 = 20 Marks

13. Bishop's score
14. Oxytocin
15. Causes of retension of urine in pregnancy
16. Planned parenthood
17. Weight gain during pregnancy
18. Moulding
19. Episiotomy
20. Cephal haematoma
21. Constriction ring
22. Still birth

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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. Explain the factors that promote or inhibits effective communication. Give examples with each.
2. a) Define evaluation.
   b) Explain the process of evaluation.
3. Current concept of nursing care

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

4. Characteristics of a nursing profession
5. Health promotion model
6. Methods of physical examination
7. Characteristics of record
8. Conceptual model in nursing practice
9. Role of theories in nursing process
10. Man as a bio-psychosocial being
11. Principles of rehabilitation
12. Importance of nursing process
13. Assessment

SHORT ANSWERS 10 x 2 = 20 Marks

14. Community health
15 Nurse-Doctor relationship
16. Anxiety
17. Health and illness
18. Adaptation
19. Observation
20. Planning
21. Levels of prevention
22. History taking
23. Types of care plan

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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. Describe the morphology, cultural characters and laboratory diagnosis of C. diphtheriae.
2. Draw a neat and labeled diagram of bacterial cell. Describe cell wall.
3. List intestinal nematodes. Describe the life cycle and laboratory diagnosis of A. lumbricoides.

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

4. Coagulase negative staphylococci
5. Cultivation of viruses
6. Cryptococcus neoformans
7. Type III hypersensitivity reactions
8. Classification of fungi
9. Phagocytosis
10. Laboratory diagnosis of Hepatits B virus infection
11. Hot air oven
12. Prophylaxis against rabies

SHORT ANSWERS 10 x 2 = 20 Marks

13. Name 2 disinfectants.
14. Local immunity
15. Name 2 bacteria causing sexually transmitted diseases.
16. BCG vaccine
17. Give 2 examples of RNA viruses.
18. Draw a neat and labeled diagram of rabies virus.
19. Name 2 opportunistic fungal infections.
20. Name 2 concentration methods for ova and cyst.
21. Name 2 tests to differentiate C.albicans from non-pathogenic candida.
22. Define dimorphic fungi. Give an example.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

Time: 3 Hours | Max. Marks: 40 Marks

Anatomy

Q.P. Code : 1705

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

(Note : Both QP Codes 1705 and 1706 are to be answered within total duration of 3 hours)

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

1. Name part of female reproductive system. Describe uterus in detail
2. Name parts of respiratory system. Describe lungs in detail

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

3. Cell structure
4. Tongue
5. Liver
6. Kidney
7. Thyroid gland

SHORT ANSWERS — 5 x 2 = 10 Marks

8. Name four vessels of heart
9. Name four muscles of lower limb
10. Name four parts of brain
11. Name four parts of large intestine
12. Name four long bones

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

Time: 3 Hours | Max. Marks: 40 Marks

Physiology

Q.P. Code : 1706

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

(Note : Both QP Codes 1705 and 1706 are to be answered within total duration of 3 hours)

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

1. Name the hormones of anterior pituitary. Describe the growth hormone in detail
2. Define arterial blood pressure. What are the factors determining blood pressure. How is it regulated

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

3. What is the composition and functions of gastric juice
4. Explain the extrinsic mechanism of blood coagulation
5. Trace the pathway for pain
6. Describe the mechanism of oxygen transport in blood
7. What are the complications of mismatched blood transfusion

SHORT ANSWERS 5 x 2 = 10 Marks

8. Mention four functions of skin
9. What is presbyopia
10. Draw a neat diagram of Nephron & label its parts
11. List two functions of progesterone
12. What are the symptoms of diabetes mellitus

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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 emotions. Discuss the related theories of emotion.
2. Define learning. Explain classical conditioning by Ivan Pavlov.
3. What are the nature and causes of individual differences?

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

4. Experimental method
5. Factors influencing attention
6. Types of memory
7. Maslow's hierarchical theory
8. Distribution of intelligence
9. Type cum trait theory of personality
10. Scope of psychology
11. Concept of mental hygiene
12. Sensory disorders

SHORT ANSWERS 10 x 2 = 20 Marks

13. Introspection
14. Conflict
15. Mnemonics
16. Ambivert
17. Attitude
18. Frustration
19. Super-ego
20. Forgetting
21. Sensation
22. Stress

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

Time: Three Hours | Max. Marks: 100 Marks

PSYCHOLOGY (RS - 2)

Q.P. CODE: 1751

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

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. What is Psychology? Explain scope of Psychology.
2. Explain classical conditioning theory of learning.
3. Define Personality. Explain Psychoanalytical theory of personality.

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. Explain Introspection method.
5. Discuss body-mind relationship.
6. Discuss the principle of Perception.
7. Explain the types of memory.
8. Explain two factors theory of intelligence.
9. Explain the types of attention.
10. Discuss the theories of forgetting.
11. Explain how intelligence be measured.
12. Explain the types of conflicts.
13. How can attitudes be measured?-Explain.
14. Explain the role of Hemispheres – cerebral hemispheres.
15. Explain the warning signs of poor mental health.

SHORT ANSWERS 10 x 3 = 30 Marks

16. Telepathy
17. Attention
18. Thinking
19. Drive
20. Motivation cycle
21. Frustration
22. Hypothesis
23. Clairvoyance
24. Mental health
25. Genes

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – April 2014

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. List the various antigen–antibody reactions and describe the principle and applications of precipitation reactions.
2. Describe the pathogenesis and lab diagnosis of pulmonary tuberculosis.
3. Define immunity and write in detail about acquired immunity.

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

4. Bacterial growth curve
5. Infectious hepatitis
6. Transport media
7. Lab diagnosis of malaria
8. Giardia intestinalis
9. Nosocomial infection
10. Type IV hypersensitivity
11. Post streptococcal sequelae
12. Auto clave
13. Lab diagnosis of urinary tract infection

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two viral vaccines.
15 Expand CSSD. What are its functions?
16. List four staphylococcal infections.
17. Draw neat, labeled diagram of Ascaris lumbricoides.
18. Name two organisms causing non gonococcal urethritis
19. BCG vaccine
20. Malignant fistula
21. Name two vectors in viral diseases.
22. Pasteurization
23. Robert Koch

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – April 2014

Time: 3 Hours | Max. Marks: 38 Marks

Biochemistry

Q.P. Code : 1739

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

(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

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

1. Describe various steps involved in Glycolysis. Add a note on its energetics.
2. Explain Tyrosine metabolism. Add a note on Alkaptonuria.

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

3. Cori's cycle and its significance
4. Deamination
5. Protein digestion and absorption
6. Classify enzymes with examples.
7. Hormonal regulation of blood glucose

SHORT ANSWERS 4 x 2 = 8 Marks

8. Endoplasmic Reticulum
9. Heparin
10. Hyperglycemia
11. Normal levels of, a) Total Cholesterol b) Uric acid

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – April 2014

Time: 3 Hours | Max. Marks: 37 Marks

Biophysics

Q.P. Code : 1740

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

(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

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

1. What is Lever? Describe different types of Levers.
2. What is Equilibrium? Explain various types of Equilibrium.

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

3. What are fundamental and derived units?
4. State Newton's Laws of Motion.
5. Explain the use of heat for sterilization.
6. Write short notes on electro magnetic spectrum.
7. Describe an inclined plane.

SHORT ANSWERS — 4 x 2 = 8 Marks

8. What is noise pollution?
9. List the visual defects of human eye.
10. What is Traction?
11. Give any two medical applications of radioisotopes.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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. Describe the reflexes of the normal newborn
2. Explain the current concept of growth and development
3. Enumerate the role of nurse in the management of normal labour

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

4. Nutritional needs of toddler
5. Factors influencing food habits and selection of food staffs
6. Emotions and social development of toddler
7. Breast feeding
8. Principles of growth and development
9. Planning a menu for pregnant women
10. Sex education
11. Health needs of elderly
12. Probable signs of pregnancy
13. Functions of placenta

SHORT ANSWERS 10 x 2 = 20 Marks

14. Duration of I stage of labour
15 Phototherapy
16. Definition of pre term
17. Rickets
18. ECG flip
19. Minerals
20. Low cost diet
21. Autonomy vs shame or doubt
22. Mid arm circumference
23. Vit ‘A’ deficiency

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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) What are the macronutrients (b) Discuss the etiology and management of protein energy malnutrition.
2. a) What is balanced diet (b) Discuss the steps in planning a diet for a pregnant women

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

3. Diabetic diet
4. Nutritional problems in India
5. Food standards
6. Midday meal programme

SHORT ANSWERS 5 x 2 = 10 Marks

7. Poaching
8. Calorie
9. Fiber diet
10. Sources of calcium
11. Scurvy

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination - April 2014

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 Educational psychology in our society? Explain any two methods of psychology
2. How are motives classified? Explain maslow's need hierarchy theory with appropriate examples
3. What is personality? Explain the theories briefly with its Evaluation

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

4. Explain introspection method with appropriate examples
5. Explain briefly "Defense mechanism"
6. Describe classical conditioning with reference to its application in learning
7. Distinguish between "short – term – memory" & long term – memory
8. Assessment of personality
9. What are concepts? Explain piaget's theory of conceptual development
10. What is habit interference? Explain retro – active – inhibition
11. What are the steps of evaluation
12. Sources of frustration
13. Explain in brief the uses and applications of the various intelligence tests

SHORT ANSWERS 10 x 2 = 20 Marks

14. Conflicts
15 Attention
16. Integrated responses
17. Reward & punishment
18. Social motives
19. Drives & needs
20. Hallucinations
21. I. Q.
22. Super EGO
23. Thinking

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – April 2014

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. a) Define Quality Assurance (2+8)
   b) Explain the role of council and professional bodies in maintaining nursing standards

2. a) Define Nursing Process (2+8)
   b) Explain the steps of nursing process in detail with suitable example

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

3. Tools for evaluation
4. Factors influencing health and illness
5. Factors influencing growth and development
6. Bio-medical waste management

SHORT ANSWERS 5 x 2 = 10 Marks

7. Types of nursing care plan
8. Anecdotal record
9. Primary nursing
10. Importance of recording
11. Team nursing

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