1701_2013_2_S261

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination - Sep 2013

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? Critically evaluate the different methods of psychology
2. Define perception? Discuss the factors influencing perception? Explain extra -- sensory perception
3. What is intelligence? Discuss the types of intelligence test

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

4. Scope of educational psychology
5. Define conflicts? How is it related to motives
6. Types & changes of emotion
7. Explain the varieties of attention? What is degree of attention
8. Define personality? Discuss the psycho – social factors that influence the development of personality
9. Describe skinner's instrumental conditioning in learning
10. Explain the "psycho -- analytic theory" of personality
11. What is memory? Explain long – term – memory & short – term – memory
12. Define frustration? Explain the sources of frustration
13. What are the essential features of an effective teacher

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

14. Stress
15. Drives & needs
16. Motivational cycle
17. Id
18. Creative thinking
19. Individual differences
20. Attitudes
21. Concepts
22. Social motives
23. Types of thinking

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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. Define sociology. Explain the need for studying sociology in nursing profession.
2. Discuss the social causes of population explosion. What are its effects on health?
3. Explain the influence of culture in Health and illness.

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

4. Difference between society and community.
5. Explain the significance of co-operation and competition.
6. Describe the characteristics of primary group.
7. Explain the different forms of marriage.
8. Problems of working women
9. Agencies of socialization
10. Types of social control
11. Explain the characteristics of rural community.
12. Different methods of accommodation
13. Alcoholism and its effects.

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

14. Branches of sociology
15. Culture
16. Isolation
17. Co-operation
18. Social system
19. Family
20. Social control
21. Race
22. HIV/AIDS
23. Crowd

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1703_2013_2_S182

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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) Define nutrition and food (b) classify and explain the functions of nutrients
2. a) explain the changes which occurs during pregnancy (b) discuss community level services for antenatal mother
3. Describe the development milestones of an infant

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

4. Birth asphyxia
5. Problems of an adolescent
6. Nutritional needs of a child
7. Management of normal labour
8. Applied nutritional programme
9. Generativist VS stagnation stage
10. Management of premature baby
11. Functions of placenta
12. Developmental tasks of preschooler
13. Changes affecting OLD age

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

14. Weaning
15. Temper tantrum
16. Juvenile delinquent
17. menstrual cycle
18. Objectives of RCH
19. Deficiencies of Vit – A
20. Tonic neck reflex
21. School phobia
22. Sources and requirements of Vit – C
23. EMBRYO

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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. Describe the morphology of a bacterial cell with a neat, labeled diagram.
2. Define and classify hypersensitivity. Discuss in detail type I hypersensitivity.
3. Name the Hepatitis viruses. Discuss in detail about Hepatitis B virus.

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

4. Bacterial growth curve
5. Auto clave
6. Innate immunity
7. Laboratory diagnosis of pulmonary tuberculosis
8. Prophylaxis of diphtheria
9. Laboratory diagnosis of syphilis
10. Cultivation of viruses
11. Life cycle of plasmodium vivax
12. Universal precautions
13. Candida albicans

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

14. Name two sexually transmitted viral infections.
15. Define definitive host and intermediate host.
16. Name any two zoonotic bacterial diseases.
17. Define selective media. Give one example.
18. Draw a neat, labeled diagram of Immunoglobulin A (IgA) molecule.
19. Write two contributions of Robert Koch.
20. BCG vaccine
21. Draw a neat, labeled diagram of Trophozoite of Giardia lamblia.
22. Name two gaseous disinfectants.
23. Define nosocomial infection.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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 the endocrine glands. Describe the pituitary gland in detail.
2. Name the parts of urinary system. Describe the urinary bladder in detail.

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

3. Ovary
4. Deltoid muscle
5. Right atrium
6. Appendix
7. Skin

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

8. Name four ligaments of the hip joint.
9. Name the parts of the stomach.
10. Name four branches of the external carotid artery.
11. Name the skull bones.
12. Name four functional areas of cerebrum.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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. Classify leucocytes. Explain the morphology (with neat diagrams) and functions of leucocytes.
2. Describe the phases and hormonal control of menstrual cycle.

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

3. Describe the errors of refraction and their correction.
4. What is ECG? Discuss the various waves in ECG and their significance.
5. Mention the hormones secreted by posterior pituitary gland and describe their physiological actions.
6. Draw a neat, labeled diagram of the innervations of urinary bladder. Explain the process of micturition.
7. Mention the source and chemical nature of surfactant. Explain its functions and the effects of its deficiency.

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

8. Explain briefly negative feedback mechanism with an example.
9. Draw the diagram of reflex arc and label its parts.
10. Mention any four functions of testosterone.
11. Name two anticoagulants with their mechanism of action.
12. Name the types of neuroglia. Give one function of each.

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1731_2013_2_S182

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Sep 2013

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 importance of nursing process. Discuss in detail the panning phase.
2. Explain the role of theories in nursing practice. Discuss the metaparadigm of nursing?

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

3. Progressive patient care
4. General adaptation syndrome
5. I C N code of ethics
6. Problems of an adolescent

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

7. Define nursing
8. Disposal of sharps
9. Role of INC
10. Methods of physical assessment
11. Nursing standards

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1732_2013_2_S181

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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) Discuss the importance of breast feeding (b) Explain the role of nurse in promoting and implementing BFHT policy in a hospital / community setting
2. a) What are vitamins (b) Explain the sources, functions and deficiency of Vit. B. complex

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

3. Growth chart
4. Pasteurization
5. Complementory feeding
6. Rickets

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

7. Food poisoning
8. Goiter
9. Colostrum
10. Baking
11. Vit K

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1734_2013_2_S041

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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 reference to nursing
2. Discuss endocrine system and its influence on development of behaviour
3. Define memory. Explain the types of memory with examples

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

4. Discuss measurement of emotions
5. Describe types of conflicts
6. Write about Tools of Evaluations
7. What is extra sensory perception?
8. Explain trial and error learning
9. What is forgetting? Explain the organic causes of forgetting
10. Discuss the steps of problem solving
11. Deductive reasoning processes
12. What are habits? How are they formed

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

13. Definition of motivation
14. Survey method
15. Emotions and health
16. Span of attention
17. Psychoanalysis
18. Factors influencing perception
19. Insightful learning
20. Nature of Attitude
21. Levels of thinking
22. Psychosocial Development

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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. List the aims of antenatal care.
   b. Explain in detail about the antenatal care.
2. a. Define normal labour.
   b. Explain mechanism of normal labour and the nursing management during the second stage of labour.
3. Discuss the diagnosis and management of a cardiac disease during pregnancy and labour.

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

4. Resuscitation of the newborn
5. Lovset manoeuvre method
6. Physiology of menstrual cycle
7. Properties and components of breast milk
8. Post natal care
9. Shoulder dystocia
10. Functions of placenta
11. Foetal skull
12. Foetal development

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

13. Colostrum
14. Apgar score
15. Cervical effacement
16. Hegar's sign
17. Causes of onset of labour
18. Eligible couple
19. An eclamptic fit
20. Newborn reflexes
21. Embryo
22. Kiellands forceps

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Rajiv Gandhi University of Health Sciences, Karnataka 43

I Year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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) Explain the hospital environment for a sick child. (4)
   b) Discuss the role of paediatric nurse in caring for a hospitalized child. (6)

2. a) Discuss the growth and development of a healthy infant. (6)
   b) Nutritional needs of the adolescent. (4)

3. a) What are the nutritional deficiency disorders in children. (4)
   b) Write the nursing management of children with PEM. (6)

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

4. Idiopathic Thrombocytopenic Purpura.
5. Diphtheria
6. Patent Ductus Arteriosus
7. Organization of neonatal unit
8. Value of play and selection of play materials.
9. Preventive immunization
10. Haemorrhage & its nursing management
11. Care of a baby in incubator
12. Calculation of dosage of drugs

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

13. Colostomy Irrigation.
14. Apgar Score.
15. Creche.
16. Neonatal Resuscitation
17. Strabismus
18. Mental Retardation
19. Causes of Accidents in toddler.
20. Hirschsprungs Disease
21. Child morbidity & mortality
22. Wilm's Tumor.

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1738_2013_2_S155

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Sep 2013

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 the term congestive cardiac failure. (b) Explain thepahtophysiology basis of signs and symptoms in congestive cardiac failure. (c) Describe the management of your client with congestive cardiac failure in relation to rest and activity, diet and fluids.
2. Mrs. Sunitha a 30- year old mother of two preschoolers came to the emergency department with severe wheezing, dyspnea and anxiety. (a) Enumerate the tiggers of asthma attack. (b) Describe the pathophysiological basis of signs and symptoms of asthma. (c) Describe the immediate and long term management of Mrs. Sunitha.
3. (a) Define and classify shock. (b) Explain the pahtophysiological changes that occurs in different stages of shock. (c) Describe the management of client in hypovolemic shock.

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

4. Care of unconscious patient.
5. Treadmill test.
6. Complications of hypertension.
7. Bening prostatic hyperplasia.
8. Dysmenorrheal.
9. Diabetes Insipedis.
10. Bone healing.
11. Cirrohosis of Liver.
12. Mammography.

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

13. Scalds.
14. Prosthetic valves.
15. Purpura.
16. Phenyntoin.
17. Incontinence.
18. Defibrillation.
19. Cardiac Markers.
20. Pulse oxymetry.
21. Anal fistula.
22. Euthyroid.

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1739_2013_2_S263

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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. Define oxidative phsophorylation. Describe the components of electron transport chain
2. Describe the regulation of blood sugar level

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

3. Give an account of digestion and absorption of lipids
4. Gycogenolysis
5. Functions of plasma proteins
6. Urea cycle
7. What are isoenzymes? Give two examples with their clinical importance

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

8. Write the normal range of (a) Blood urea (b) Serum creatinine
9. Mitochondria
10. Name ketone bodies and test for detection of ketone bodies
11. Define Gluconeogenesis

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug 2013

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. Explain the terms current. Voltage and resistance. Write their units of measurement. State Ohm's Law and explain.
2. What is the normal audio frequency range of human ear? Explain relation between frequency, velocity and wavelength of sound waves.

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

3. What is the normal value of arterial and venous blood pressure? How will you measure arterial blood pressure by non-invasive technique?
4. Write a note on body temperature regulation.
5. Define ultrasonic waves and its clinical applications.
6. What is a pacemaker and where is it used?
7. Draw a neat diagram of Lead – II ECG and label its parts.

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

8. With examples, explain an electrical insulator and a conductor.
9. Write a note of CAT Scan.
10. What is the normal ocular pressure?
11. What is the value of normal atmospheric pressure at sea level? Write the composition of normal air.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination - Mar 2013

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. What is motivation, how are motives classified, explain the theories of motivation.
2. What is thinking, explain problem solving, and its steps and rules.
3. Explain attitude. How is attitude changed?

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

4. Explain experimental method and Rating scales.
5. Explain the levels of functioning of an organism.
6. Cannon Bard theory
7. Sigmund Freud's personality theory
8. Intelligence Tests
9. Aims of educational psychology
10. Insightful learning
11. Working memory
12. Inductive and Deductive reasoning
13. Explain teacher learner relationship.

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

14. Achievement test
15 Incentives
16. Introspection
17. Retroactive inhibition
18. Reinforcement
19. Reliability
20. Intelligence quotient
21. Ectomorph
22. Figure and ground - relationship
23. Para psychology

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 scope and importance of sociology.
2. Define family. Explain the types and functions of family.
3. Define social control. Explain the types of social control.

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

4. Explain the process of socialization.
5. Describe the adverse effects of caste on health.
6. Define culture. How for the cultural beliefs affect the health?
7. Describe the characteristics of primary groups.
8. Explain the types of marriage.
9. Malthusian theory of population
10. Explain the different methods of Accommodation.
11. Explain the characteristics of rural community.
12. Theories of social change
13. Causes of population explosion

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

14. Tribal sociology
15. In-group and Out-group
16. Social mobility
17. Cultural lag
18. Isolation
19. Race
20. Social problem
21. Caste system
22. IRDP
23. Exogamy



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1703_2011_1_S187

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. List the objectives of antenatal care and discuss the antenatal advice for a pregnant mother
2. Discuss the characteristics of newborn
3. Define labour. List the stages of labour. Elaborate the management of 1st stage of labour

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

4. Fetal circulation
5. Newborn reflexes
6. Positive signs of pregnancy
7. Nutritional requirements of toddler
8. Juvenile delinquency
9. Sex education
10. Postnatal exercises
11. Problems of adulthood
12. Social changes in old age and management
13. Importance of play

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

14. Encopresis
15. Puberty
16. Define nutrition
17. Land marks of pelvis
18. Hegars sign
19. Sources of protein
20. Cephalhematoma
21. Colostrum
22. Classification of newborn as per age and weight
23. Bangles test

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1704_2011_1_S41

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 and classify hypersensitivity? Briefly discuss type I hypersensitivity
2. Define sterilization and disinfection. Briefly discuss the method of autoclave employed in hospital practice
3. Write briefly on poliomyelitis and prophylaxis including 'pulse' programme

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

4. Gram staining
5. L.J medium
6. Hospital waste management
7. hepatitis 'B' vaccine
8. Meningitis
9. Acquired immunity
10. Candidasis
11. Peripheral smear for malaria
12. Round worm
13. Universal precautions in nursing practice

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

14. Name 4 organisms causing hospital infections
15. Name 4 RNA viruses
16. Fungal infection of skin
17. Diagram of HIV virus
18. Name 4 motile bacilli
19. Robert Koch
20. Name the immunoglobulins
21. Mention two ova and two cysts
22. Name 4 commensals in the throat
23. Window period in HIV/AIDS

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1705_2011_1_S262

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. Mention the organs present in Abdominal cavity. Describe stomach in detail
2. Describe heart in dental

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

3. Urinary bladder
4. Lymph node
5. testis
6. Synovial joint
7. Gluteus maximus muscle

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

8. Name four types of Epithelium
9. Name four Endocrine glands
10. Name four branches of abdominal aorta
11. Name any four parts of Eye ball
12. Name four parts of uterus

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1705_2011_1_S261

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 the mechanism of contraction of Muscle
2. Classify Leucocytes. Describe the morphology & functions of leucocytes

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

3. Describe the short term regulation of blood pressure
4. Explain the consequences of mismatched blood transfusion
5. Describe the functions of gastric juice
6. Explain micturition reflex
7. Functions of testosterone

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

8. Enumarate the functions of the liver
9. What is anaemia. Mention its types
10. Name the types of Hypoxia
11. What is GFR. Mention its normal value
12. Name two ascending pathways

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 nursing. (b) Discuss nursing as an art & science.
2. Levels of health care delivery system
3. Write in detail about community based nursing.

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

4. Forms of communication
5. Progressive patient care
6. Importance of observation
7. Purposes of data collection
8. Principles of rehabilitation
9. Communication relationships in nursing profession
10. Components of nursing care plan
11. Cultural effects on behaviour
12. Concepts of mental health
13. Impact of illness

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

14. Define health.
15. Small group communication
16. Reports
17. Rehabilitation team
18. Community health nursing
19. Nursing diagnosis
20. Standing order
21. Stress
22. Nursing theory
23. Nursing conference

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 expanded role of the nurse.
2. Explain the trends influencing nursing practice.

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

3. Concepts of health and illness
4. Ethical and legal issues in nursing
5. Developmental stages of an individual
6. The meta paradigm of nursing

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

7. Nursing diagnosis
8. Recording
9. Nursing audit
10. Professional bodies
11. Holistic nursing

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1732_2011_1_S101

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. Explain in detail the method of cooking keeping in mind the preservation of nutrition
2. Plan a therapeutic diet for a patient suffering with Diabetes mellitus

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

3. Diet in post-operative care
4. Principles of nutrition
5. Diet for a sick child
6. Methods of assessing nutritional status of a child below 5 years

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

7. Nutritive values of milk
8. Low cost nutritious food
9. Proteins
10. Food hygiene
11. Substitutes for non vegetarian foods

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 the various methods in psychology
2. What is motivation? Explain the theories of motivation
3. Explain the theories of intelligence is measured

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

4. Discuss the theories of forgetting
5. Projective techniques
6. Factors influencing perception
7. Conditioning learning
8. Explain the factors affecting mental health
9. Uses of psychology
10. Principles of heredity : - Discuss
11. Explain any two theories of emotion
12. Discuss how thinking is developed

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

13. Types of confect
14. Introvert & extrovert
15. Concept of I Q
16. Attitude
17. Psychoanalysis
18. Aptitude
19. Super EGO
20. Transfer of learning
21. Sensation
22. Steps of creativity

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 immunity. Discuss in detail active immunity.
2. Define nosocomial infection. Enumerate the bacteria causing nosocomial infections and the steps taken to control such infections.
3. Describe the life cycle of entamoeba histolytica. Discuss the laboratory diagnosis of intestinal amoebiasis.

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

4. Rabies prophylaxis
5. Immunoglobulin M (IgM)
6. Candida albicans
7. Bacterial spore
8. Laboratory diagnosis of malaria
9. Autoclave
10. ELISA
11. Laboratory diagnosis of Syphilis
12. Food poisoning

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

13. Name two sexually transmitted infections
14. Define biological vector. Name one bacterial infection transmitted by them.
15. Name two gaseous disinfectants
16. Define selective media. Give one example.
17. Name four species of malarial parasites.
18. Draw a neat, labeled diagram of fertilized egg of Ascaris lumbricoides.
19. Write two contributions of Louis Pasteur.
20. BCG vaccine
21. Draw a neat, labeled diagram of Influenza virus.
22. Name two DNA viruses.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. Define labour. Discuss the physiological changes during the first stage of labour.
2. Define eclampsia. Explain in detail the management of eclampsia.
3. Define maternal mortality rate. List the causes of MMR. Explain the role of a nurse in prevention of maternal mortality.

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

4. Planned parenthood
5. MTP act
6. Internal genital organs
7. Fetal circulation
8. Threatened abortion
9. Hydatidform mole
10. Complications of gestational DM
11. Methergin
12. Amniotic fluid

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

13. Convelaire uterus
14. Red current in white current juice
15. Stall worthy's sign
16. Weight gain in pregnancy
17. PROM
18. AP diameters of fetal skull
19. Indications of CS
20. Purperial sepsis
21. Uterine inertia
22. Polyhydramnios

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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 congenital heart disease
   b) Classify CHD
   c) Nursing management of child with tetrology of fallot
2. a) Define diarrhoea
   b) List the clinical features of diarrhoea
   c) Explain the management of child with dehydartion
3. Explain the role of paediatric nurse

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

4. Steam inhalation in children
5. Importance of theraputic play
6. Nutritonal programmes for children
7. Management of child with colostomy
8. Classification of PEM with its clinical features
9. Hirschsprung's disease
10. Clinical features of Rheumatic fever
11. Types of fractures in children
12. IMNCI

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

13. Tet spells
14. ITP
15. Extrophy of bladder
16. Endocarditis
17. Phallic stage
18. Child to child concept
19. Prevention of scabies
20. Caput succedenum
21. VSD
22. Koplik spots

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. Anand, a 65 year old man is admitted to the urology ward with a diagnosis of benign prostatic hypertrophy (BPH) to be posted for transurethral resection of the postate (a) what are the clinical manifestations of benign prostae hypertrophy (b) discuss the pre and post operative (TURP) nursing management of Mr. Anand.
2. (a) Define anemia (b) Explain the types of anemia according to the etiological factors (c) write in detail the nursing care of client with anemia
3. Mr. Vasu 30 year old driver admitted to Neuro surgery intensive care unit with a diagnosis of head injury (a) Write the nursing management of Mr. Vasu based on his problems

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

4. Water seal chest drainage
5. Nursing mangment of a patient with shock
6. Leukemia
7. Tracheostomy
8. Cataract
9. Percutaneous transluminal coronary angioplasty
10. Colostomy can
11. Management diabetes mellitus
12. Risk factors of coronary artery disease

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

13. Haemophilia
14. Tonometry
15. Diarrhoea
16. Endoscopy
17. Electro encephalo gram
18. Hepatitis
19. Anal fissure
20. Arthritis
21. Antacids
22. Eletro cardiogram (ECG)

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. Explain factors affecting enzymes activity.
2. Write a note on glucose tolerance test. How blood glucose is regulated & Explain.

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

3. Clinical applications of serum enzymes
4. Secondary structures of proteins
5. Gout
6. Urea cycle
7. Classificationj and functions of lipoproteins

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

8. Name any three electrolytes and their normal values.
9. Coenzymes
10. Any four functions of plasma proteins.
11. Hyperglycemia

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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. Explain Newton's three laws of notion with example. Define velocity and acceleration with example.
2. Define Radioactivity. What are the properties of radioactive radiation? Mention the application of radioisotopes in medical practice.

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

3. Explain how the Density of urine is measured using urine meter with diagram.
4. Use of ultrasonic waves in medical practice
5. What are the defects of vision? How they are rectified.
6. What is a Cardiac Pacemaker?
7. Draw a neat diagram of ECG – Lead II and label its parts.

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

8. Under water, exercises are advised for patients suffering from joint pain and dislocations. Why?
9. Name three orders of lever with example.
10. Define blood pressure and give its normal values.
11. Give two examples of use of heat in sterilization

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