1731_9999_9_S023

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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. Define Nursing and Describe the development of Nursing Education in India
2. Write in detail about the expanded role of nurse.

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

3. Explain the methods and tools of Assessment.
4. Family Oriented Nursing concept
5. Techniques for planning care
6. Write about nursing audit.

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

7. Advantages of Nursing process
8. Problems of old-age
9. Purposes of physical Assessment
10. Types of hospital waste
11. Define profession.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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. Define balanced diet. What factors do you consider while planning and plan a one day menu for a pregnant women?
2. a) Define Malnutrition.
   b) List the causes for malnutrition.
   c) Explain the methods to be followed for prevention of malnutrition.

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

3. Growth chart
4. Pasteurization of milk
5. Breast feeding and weaning
6. Integrated Child Development Scheme

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

7. Whey Water
8. Basal Metabolic rate
9. Canning
10. Scurvy
11. Dietary sources of calcium

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1734_9999_9_S046

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL - 2015

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 scope and methods of psychology.
2. Define emotions and explain the theories of emotions
3. Define memory. Explain the types of memory with examples

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

4. Define personality. Discuss the personality development.
5. Distinguish sensation and perception
6. Explain learning by conditioning
7. Concept of mental hygiene
8. Define attitudes? Discuss the characteristics of attitude
9. Explain types of reasoning
10. Discuss the principles of perception
11. Explain factors influencing attention
12. Discuss tools of evaluation

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

13. Principle of closure
14. Errors in thinking
15. Hallucination
16. Motivation
17. Self-actualization
18. Id
19. Reward and punishment
20. Conflict
21. Trail & error learning
22. Intelligence

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1735_9999_9_S263

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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 Hypersensitivity. Classify hypersensitivity. Describe Anaphylaxis.
2. Define infection and classify infections. Discuss in detail on Hospital borne infection their development and control.
3. Describe the morphology, culture, pathogenicity and laboratory diagnosis of corynebacterium diphtheriae

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

4. Hot air oven
5. Hepatitis A virus
6. Bacterial spore diagram and description
7. Nagative staining – principle and procedure
8. Widal test
9. Ancylostoma duodenale – life cycle, clinical features and treatment
10. Rabies vaccines
11. Bacterial growth curve
12. Bacillary dysentery

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

13. Write any two Dermatophytes infections
14. Draw a neat labeled diagram of Ig G
15. TAB vaccine
16. Name any two selective media
17. Write any two Koch's postulates
18. Louis Pasteur
19. Name any two UTI causing bacteria
20. Define disinfection
21. Name any two RNA viruses
22. Mention any two biological vectors

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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 Preterm labour.
   b) What are the characteristic features of preterm labour?
   c) Describe the management of Preterm labour to continue the pregnancy to term.
2. a) Define abortion.
   b) Enumerate the types of abortion.
   c) Explain the role of a nurse in management of threatened abortion.
3. a) Define uterovaginal prolapse.
   b) List the causes and types of UV prolapse.
   c) Explain the management of UV prolapse.

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

4. Discuss the Diet plan of antenatal mother at 3rd trimester.
5. Explain the Congenital malformations of newborn.
6. Brief about Abnormalities of bony pelvis.
7. Explain the steps of Baby Friendly Hospital Initiative.
8. Describe the management of arrested Occipito posterior position.
9. Explain the management of acute polyhydromnios.
10. Describe the various Diameters of fetal skull.
11. Signs and symptoms of Ectopic pregnancy
12. Management of Abruptio placenta

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

13. What is Amenorrhea?
14. What is the meaning of Decapitation?
15. Who are called as Eligible couples?
16. List the objectives of Safe motherhood.
17. List the clinical features of Postpartum blues.
18. What is Prolactin?
19. Who is called as Elderly primi?
20. Enumerate the types of Lochia.
21. List four advantages of Colostrum.
22. What is Jacquemier's sign?

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1737_9999_9_S046

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL - 2015

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 weeks old infant with a diagnosis of pyloric stenosis is admitted to the hospital
   a) List the signs and symptoms of pyloric stenosis
   b) Mention the diagnostic measures
   c) Describe the postoperative management of the infant
2. Explain the management of a drowned child
3. An eight years old girl is admitted with repeated attacks of convulsions
   a) List the types of convulsions
   b) Discuss the first aid during convulsion
   c) Explain the rehabilitative care for this girl

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

4. Write the Care of low birth weight baby
5. Explain about Night blindness in children
6. Describe the prevention of accidents among toddlers
7. Enumerate the rehabilitation of a child with cerebral palsy
8. Illustrate the nursing management of a child with Tetrology of fallot
9. Explain in detail about management of Protein energy malnutrition
10. Describe Immunization schedule
11. Enumerate the Congenital malformations of genito urinary tract
12. Explain the Nutritional needs of infant

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

13. Define Club foot
14. State the meaning of Hydrocephalus
15. Mention any four complications of rheumatic fever
16. Write the types of play in children
17. State the meaning of trust vs mistrust
18. Define Anemia
19. Mention the difference between nephritis and nephrotic syndrome
20. Define Thalassemia
21. Mention the goals of under five clinics
22. Write any four modern concepts of child care

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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. Discuss the pathophysiology, clinical features and the diagnostic measures of Myocardial Infarction. Explain the preoperative, intraoperative and the postoperative nursing care of a patient undergoing Cardiac Surgery.
2. Define Bronchial Asthma. Discuss the etiology, pathophysiology and the diagnostic measures of a patient with Bronchial Asthma. Draw a nursing care plan for a patient suffering from Acute Exacerbation of Chronic Bronchial Asthma based on the priority needs.
3. Discuss the classification, clinical manifestations and the diagnostic measures of Diabetes Mellitus. Explain the management of Diabetes Mellitus with special reference to nutritional therapy and drug therapy.

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

4. Cardiogenic shock
5. Psoriasis
6. Osteoarthritis
7. Respiratory arrest
8. Management of pain
9. Infective hepatitis
10. Raynaud's disease
11. Corpulmonale
12. Nephrotic syndrome

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

13. Diuretics
14. Dyspnoea
15. Hiatus hernia
16. Dengue fever
17. Goiter
18. Infertility
19. Epispadiasis
20. Pericarditis
21. Hemorrhoids
22. Endoscopy

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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. Classify enzymes. Discuss various factors affecting enzyme activity
2. Write in detail about glycogen metabolism.

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

3. Urea cycle
4. What are peptides? Biological importance of peptides
5. Structure and functions of cholesterol
6. Lipoproteins
7. Plasma proteins ⟹ name any five (05) and give their functions

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

8. Name the ketone bodies
9. Essential fatty acids
10. Mitochondria
11. Give the normal serum levels of (a) Cholesterol (b) Uric acid

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – APRIL 2015

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 term force, work and energy. Mention their units. Explain the principles of machines
2. Explain regulation of body temperature and application of heat transfer in the body. What temperature on the Celsius scale corresponds to body temperature of 98.6° on the Fahrenheit scale? Convert 30°C to Kelvin

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

3. Write a note on ECG and EMG
4. What are the advantages and disadvantages of friction?
5. Explain cardiac pace maker
6. What are the clinical uses of radio isotopes?
7. What are the defects of vision? How are they corrected?

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

8. What is relative humidity?
9. Why white cotton clothes are preferred in summer?
10. What is the least count of vernier calipers?
11. Distinguish between potential energy and kinetic energy

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – OCTOBER 2015

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. Explain the growth and development of school age child.
2. a) Describe the stages of labour.
   b) Explain the nursing management during third stage of labour.
3. Explain the physical, psychological and social changes during old age and its management.

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

4. Immediate nursing care of newborn after delivery
5. Nutritional needs of infant
6. Characteristics of premature baby
7. Psychosocial development of a preschooler and schooler
8. Sex education and guidance for adolescents
9. Preparation of young adults for marriage
10. Mid day meal programme
11. Health needs of Middle age group
12. Importance family attitudes towards pregnant mother
13. Nutritional needs of lactating mother

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

14. What is Asphyxia?
15. Emotional needs of newborn
16. Sibling rivalry
17. Problems of adolescents
18. Preparation of child and parent for preschool experience
19. Occupational adjustment in adulthood
20. What is Gametogenesis?
21. List the factors influencing labour
22. Sources of calcium
23. Define stillbirth.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – October 2015

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. Describe anaphylaxis in detail.
2. Describe the life cycle, pathogenicity and laboratory diagnosis of plasmodium falciparum.
3. Write the etiological agents of enteric fever. Describe in detail about pathogenicity and laboratory diagnosis of salmonella typhi.

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

4. Bacterial spore
5. Herpes simplex virus
6. Passive immunity
7. Acid fast staining
8. Candida albicans
9. Staphylococcus aureus
10. Virus cultivation
11. Hepatitis B virus
12. Prophylaxis of tetanus
13. Hydatid cyst

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

14. Inclusion bodies
15 Pasteurization
16. Significant bacteriuria
17. Name 4 bacteria, causing diarrhea.
18. Urease test
19. Transport media
20. Negative staining
21. Vectors
22. Name two dimorphic fungi.
23. Name two sexually transmitted diseases.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – OCTOBER 2015

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 food hygiene.
   b) Explain the important method in food hygiene.
2. a) Explain the nutritional problems in India.
   b) Discuss the nutritional programmes in detail.

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

3. Balanced diet for elderly
4. Supplementary feeding and weaning
5. Food standards
6. Nutritional status assessment

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

7. Micronutrients and macronutrients
8. Food additives
9. Colostrum
10. Rickets
11. Steaming

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – OCTOBER 2015

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 Shock and explain the stages of shock with clinical manifestations.
   b) How will you manage a patient in a hypovolemic Shock?
2. a) Explain the pathophysiology and Clinical Manifestations of Myocardial Infarction.
   b) Describe the Immediate and Long term management of a client with Acute Myocardial infarction.
3. a) Define Cerebro Vascular Accident. List the causes of Ischemic stroke and Hemorrhagic Stroke
   b) Explain the immediate and long term management of a patient with Cerebro vascular accident.

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

4. Explain the Pathophysiology of Diabetes mellitus
5. What are the different stages of an Epileptic attack?
6. Explain the post operative management of a client who has undergone mastectomy
7. Calculate the fluid requirement for client with 40% burns and weighing 60 kilograms for the first 24 hours
8. Explain the management of a client with Pulmonary Tuberculosis
9. Explain the mode of transmission of Hepatitis B Virus and How will you prevent its transmission
10. What is Lithotripsy? What are the different techniques of Lithotripsy?
11. Define Anemia. How will you manage a client with Iron deficiency anemia?
12. Define peptic ulcer disease. Differentiate between Gastric ulcer and Duodenal Ulcer?

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

13. Differentiate between Cardio version and defibrillation
14. What is Thalassemia?
15. What is Dumping Syndrome? List the clinical manifestations
16. List the types of cataract
17. What is otosclerosis?
18. What is Acute adrenal Insufficiency?
19. Differentiate between Azotemia and Uremia
20. List the diagnostic measures in Osteoporosis
21. What is pap smear
22. List the clinical manifestations in Endocarditis

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – October 2015

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 in detail about beta oxidation of Palmitic acid. Add a note on its energetics.
2. Describe protein biosynthesis.

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

3. Explain briefly various types of enzyme inhibition with examples.
4. Transamination and its significance
5. Structure and functions of Homopolysaccharides
6. Water balance
7. Atherosclerosis

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

8. Dietary fibers
9. Zwitter ion
10. Benedict's test
11. Normal levels of, a) Blood urea b) Serum calcium

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – October 2015

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. State Newton's Law of Gravitation. Explain the effects of gravity on human body and its applications in nursing.
2. Explain the expansion of Solids, Liquid and Gases.

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

3. Explain short wave diathermy.
4. Discuss calorimeter – design and principle.
5. What are types of Errors?
6. What is ultrasound? Give its uses.
7. Explain: Friction.

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

8. What are isotopes?
9. Define ocular and intracranial pressure.
10. Convert 98·6° F (normal body temperature) into centigrade scale.
11. Define speed and velocity.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination - SEPTEMBER 2015

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 'Attention'. Explain the determinants of attention.
2. Define 'Perception'. Explain the principles of perception.
3. What is 'Motivation'? Explain the social motives.

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

4. Explain 'Personality' related to nurses.
5. What is Intelligence?
6. What is the subject matter of Educational psychology?
7. What is meant by 'Individual differences'?
8. What are the principles of Learning?
9. List the 'Types of memory'.
10. What are the types of Thinking?
11. What are the 'Types of emotion'?
12. What is meant by 'Nature of Attitude'?
13. How should 'Teacher-Learner' relation be?

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

14. Introspection
15. Integrated responses
16. Physiological drives
17. Emotion as a motive
18. Introvert
19. Concept of IQ
20. List the methods of Educational psychology.
21. 'Conditioning' learning
22. Characteristics of an effective teacher
23. Purpose of Evaluation

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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 social stratification? Examine the caste system prevailing in India.
2. Define socialization and explain the stages and agencies of socialization.
3. Define marriage. Explain the different forms of marriage.

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

4. Nature and scope of sociology
5. Factors of social change
6. Disintegration of joint family
7. Health hazards of alcoholism
8. In-groups and Out-groups
9. Folkways and Mores
10. Health problems of Rural society
11. Poverty as a social problem
12. Rehabilitation of juvenile delinquents
13. Rural development programmes

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

14. Isolation
15. Race
16. Social medicine
17. Family disorganization.
18. Material culture
19. Children's Act.
20. What is the meaning of Urban community?
21. Role and status
22. Assimilation
23. Problems of elderly people.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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 parts of excretory system. Describe kidney in detail
2. Name the parts of Male reproductive system. Describe testis in detail

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

3. Human cell
4. Pancreas
5. Conduction system of Heart
6. Liver
7. Deltoid

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

8. Name any four cranial nerves
9. Name four lobes of liver
10. Name four structures in oral cavity
11. Name four parts of large intestine
12. Name four bones of upper limb

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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 different steps of problem-solving process
2. Define nursing. Discuss nature, scope & principles of Nursing
3. Explain man's response to stress and illness. Discuss various coping strategies

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

4. Progressive patient care
5. Theories of nursing
6. Observation and its importance in nursing
7. Principles of communication
8. Methods and use of interpersonal teaching
9. Maintenance of records and reports in the ward
10. Cultural effects on behaviour
11. Coping strategies in stress
12. Basic needs of Human being
13. Principles of rehabilitation

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

14. Importance of environment in nursing care
15. Concept of mental health
16. Meaning of subjective data
17. Rehabilitation team
18. Multidisciplinary approach
19. Nursing conference
20. Nurse – patient relationship
21. Define profession
22. Health care delivery system
23. Community as a patient

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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. Define blood pressure. What is the normal blood pressure? What is meant by systolic blood pressure and diastolic blood pressure? Mention the factors influencing systolic blood pressure. What is hypertension & hypotension?
2. What is erythropoiesis? Describe the stages and factors influencing it

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

3. Explain the distribution of fluid compartments of the body
4. List the functions of blood
5. What is resting membrane potential? Explain its tonic basis and what is depolarization and repolarization
6. Surfactant
7. Name the phases of deglutition. Explain the second phase of deglutition

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

8. List four important functions of saliva
9. Explain the division of nervous system
10. Mention the names of receptors of the eye and its functions
11. Composition of CSF
12. Define menarche and menopause

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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 nursing audit
   b) List the purposes of nursing audit
   c) Explain the process of nursing audit (2+3+5)
2. a) Define nursing process
   b) Explain the evaluation phase of nursing process with an example (2+8)

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

3. Explain the characteristics of nursing profession
4. Describe the concept of team nursing
5. List the importance of nursing theories
6. Explain the developmental tasks of infancy

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

7. State the meaning of career planning
8. Give two examples each of sharp and solid waste
9. Define holistic nursing
10. List four ethical principles in nursing
11. List four factors influencing health

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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 scope of psychology in relation to nursing.
2. Discuss the behavioral changes and psychological needs of different age groups and chronically ill individuals.
3. How does frustration and conflict cause stress? Briefly discuss the types of conflict.

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

4. Observation method
5. Explain the physiological changes during emotions.
6. Concept of mental health
7. Write a short note on "types of intelligence tests".
8. Organization of perception
9. Different ways to improve memory
10. Briefly discuss various types of learning.
11. Heredity and environment
12. Factors influencing attention and concentration

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

13. Hypothesis
14. Case-study method
15. Extrovert
16. Mental hygiene
17. Id
18. Reward and punishment
19. Forgetting
20. Rationalization
21. Span of attention
22. Sensory disorders

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEPTEMBER 2015

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. Classify streptococci. Describe the morphology, pathogenecity and laboratory diagnosis of streptococcus pyogenes.
2. Classify antigen-antibody reactions. Describe agglutination reactions.
3. Describe the morphology, life cycle, pathogenecity and laboratory diagnosis of E.histolytica.

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

4. ELISA
5. Lesions produced by herpes simplex virus.
6. Antibiotic sensitivity tests
7. Innate immunity
8. Prophylaxis against poliomyelitis
9. c. albicans
10. Laboratory diagnosis of syphilis
11. Hepatitis A virus
12. Mycetoma

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

13. Tyndallisation
14. Name the heaviest immunoglobulin and the immunoglobulin that can cross the placenta.
15. Atopy
16. Name two differences between tuberculoid and lepromatous leprosy.
17. Name four common Hospital infections.
18. Name 2 viruses that produce intracytoplasmic inclusion bodies.
19. Name 2 serological tests for the diagnosis of HIV infection.
20. Draw a neat and labeled diagram of ova of A. lumbricoides.
21. Exotoxins
22. Name 2 protozoal parasites causing diarrhea.

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