Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – APRIL 2018

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 sterilization. Discuss in detail principle and applications of autoclave.
2. Describe the etiology and lab diagnosis of a suspected case of enteric fever. Add a note on methods of prevention of this disease.
3. Define infection. Describe the various modes of transmission of infection.

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

4. Bacterial spore
5. Candida albicans
6. Life cycle of hook worm
7. Dermatophytes
8. Prophylaxis for Hepatitis B infection
9. IgA
10. Type I hypersensitivity
11. Lab diagnosis of diphtheria
12. Prophylaxis of rabies
13. Gaseous sterilization

SHORT ANSWERS 10 x 2 = 20 Marks

14. Robert Koch
15 Name two enriched media
16. IgG
17. What is significant bacteriuria? List two bacteria causing UTI.
18. What is disinfection? List two chemicals used as disinfectants.
19. Widal test
20. Name two bacterial vaccines and the diseases they protect against.
21. Name two bacteria, which are normal flora of skin.
22. RNTCP
23. Name two DNA viruses.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL-2018

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 CNS. Describe in detail cerebrum.
2. Describe in detail anatomy of human kidney.

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

3. Fallopian tube
4. Right lung
5. CSF
6. Human cell
7. Stomach

SHORT ANSWERS 5 x 2 = 10 Marks

8. Name the extra – ocular muscles of the eyeball.
9. Name the major salivary glands.
10. Name the arteries of the lower limb whose pulsations are, felt.
11. Give two examples of endocrine glands present in the neck.
12. Layers of Heart

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL-2018

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 structure of neuromuscular junction and explain the events of neuromuscular transmission.
2. Name the hormones secreted from pituitary gland. Describe the functions and regulation of growth hormone.

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

3. Phases of gastric juice secretion
4. Hazards of mismatched blood transfusion
5. Contents and functions of middle ear
6. Properties of cardiac muscle
7. Chemical regulation of respiration

SHORT ANSWERS 5 x 2 = 10 Marks

8. Draw and label neat diagram of ECG.
9. Functions of testosterone
10. Define GFR with its normal value.
11. What is lumbar puncture and its clinical importance?
12. Name the physiological changes that occur when body is exposed to heat.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL-2018

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 profession
   b) Explain the roles and responsibilities of a professional nurse (2+8)
2. a) Mention the types of patient assessment
   b) Describe the methods and tools of assessment in detail (2+8)

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

3. Explain the ethical and legal issues in nursing.
4. Describe nursing audit.
5. Enumerate the needs & problems of an infant.
6. Describe the code of ethics.

SHORT ANSWERS — 5 x 2 = 10 Marks

7. State the meaning of progressive patient care
8. List four functions of INC.
9. List the methods of disposing cytotoxic drugs
10. List any two importance of theories in nursing practice
11. Define quality assurance

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL-2018

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) List out the principles of cooking.
   b) Explain in detail about different methods of cooking and its effect on nutrients. (2+8)
2. a) Define Community nutrition.
   b) Explain the need for community nutrition programme. (2+8)

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

3. Classification of food
4. Prepare a diet plan for pregnant mother
5. Deficiency disorders of Vitamin B
6. Explain the effects of over nutrition and its management.

SHORT ANSWERS 5 x 2 = 10 Marks

7. Nutritive value of Breast milk
8. Low cost protein rich diet
9. Define balanced diet.
10. Rich dietary sources of Iron
11. Scurvy

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL-2018

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. What is meant by Individual differences? Explain the role Heredity and Environment in the development of Human behavior.
2. Define Personality. Describe the elements of personality. Explain Freud's theory of personality.
3. Define Intelligence. Discuss the measurement of Intelligence. Enumerate the uses of intelligence tests.

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

4. Personal and Social Motives
5. Thorndike's Laws of learning
6. Factors influencing formation of attitudes.
7. Theories of forgetting.
8. Enumerate factors of Attention.
9. Two factor theory and Group factor theory of Intelligence
10. Discuss stages of creative thinking.
11. Define Perception. Principles of Perception.
12. Frustration. Explain the sources of frustration.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Characteristics of Mentally Healthy Person
14. Independent and developmental Variables of Human Behaviour
15. Introspection
16. Sensory Disorders
17. Types of Conflicts.
18. Abnormal Psychology
19. Psychological needs of an Adolescent.
20. Personality Assessment.
21. Mnemonic devices
22. Hallucinations

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – ARPIL 2018

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 hypersensitivity reactions. Discuss in detail type I hypersensitivity.
2. Describe the pathogenecity and laboratory diagnosis of coryne bacterium diphtheria.
3. Enumerate Hepatitis viruses. Write in detail on Hepatitis B virus

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

4. Fumigation
5. Gonococal infections
6. Sterilization using dry heat
7. Innate immunity
8. Stool examination for parasitic ova and cyst
9. Nosocomial infection
10. Prophylaxis of Poliomyelites
11. Laboratory diagnosis of enteric fever
12. Universal precautions

SHORT ANSWERS 10 x 2 = 20 Marks

13. Write two contributions of Robert Koch.
14. Oral thrush
15. Draw a neat, labeled diagram of Immunoglobulin M (IgM) molecule.
16. Define sterilization and disinfection.
17. DPT vaccine
18. Draw a neat, labeled diagram of HIV virus.
19. Classify bacteria according to shape.
20. Name two bacteria causing zoonosis.
21. Define transport media. Give one example.
22. Name two methods of pasteurization.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL-2018

Time: Three Hours | Max. Marks: 75 Marks

MATERNAL NURSING
(RS–3 & RS-4)
Q.P. CODE: 1736

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

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

1. Mrs. Revathy is 28years, primi with 34 weeks of gestation admitted to hospital with sudden onset of bleeding.
   a) Define placenta praevia.
   b) List out the clinical features and describe the management of placenta praevia.
2. Enlist the causes of anaemia during pregnancy and describe the management of Iron Deficiency Anaemia.
3. Describe the management of Assisted Breech delivery.

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

4. Describe on Episiotomy.
5. Explain on Ergometrics.
6. Describe the management of heart disease during pregnancy and labour.
7. List out and explain the causes of PPH.
8. Write briefly on Essential newborn care.
9. Plan an antenatal diet for a mother of 24-weeks of gestation.
10. Describe the clinical features and management of a antenatal mother with vesicular mole.
11. How will you care an neonate in NICU with RDS?
12. Describe the diagnostic measures that are carried out in case of infertility.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define abortion.
14. List the four causes of bleeding during pregnancy.
15. Define small for dates.
16. What is Acute inversion?
17. List four obstetrical emergencies.
18. Define uterine inertia.
19. What is unwed mother?
20. Enlist the indications of forceps delivery.
21. List four aims of antenatal care.
22. What are the signs of placental separation?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – APRIL 2018

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. Adolescent is a period of stress and storm. Explain
2. 4 year old Kiran got admitted with Broncho pneumonia
   a) Write the causes and pathophysiology of Broncho pneumonia
   b) Explain the Nursing management of child with Brancho pneumonia
3. a) Define convulsions.
   b) List the types of convulsions in children.
   c) Explain the nursing management of convulsions.

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

4. Explain the Care of the child on ventilator
5. Describe Therapeutic environment to the hospitalized child
6. Enumerate Under five clinics
7. Illustrate the Behavioral problems in children
8. Describe the preventive aspects of PEM
9. Write the Nursing management of child with colostomy
10. Explain the nursing care of newborn
11. Classify Anorectal malformations and explain their surgical management
12. Explain the management of mentally challenged children

SHORT ANSWERS 10 x 2 = 20 Marks

13. Mention the stages of Wilm's tumour
14. Define infant mortality rate
15. State the meaning of Autonomy vs shame and doubt
16. Write the meaning of Lanugo
17. List the signs of meningitis
18. Mention the Vitamin A deficiency disorders
19. State the Child to child concept
20. Write the meaning of Patent Ductus Arteriosus
21. Classify dehydration
22. Mention the Clinical features of measles

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – MAY-2018

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. Define hemiplegia. What are the causes, signs and symptoms? Explain in detail the management of client with hemiplegia.
2. a) What is bronchial asthma?
   b) Explain the pathophysiology and list the clinical manifestations of bronchial asthma.
   c) Write the nursing management of a client who is suffering from bronchial asthma using the nursing process format.
3. a) Define leukemia.
   b) Explain types of leukemia.
   c) Describe medical management of a client with leukemia.

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

4. Bone healing process
5. Pathophysiology of diabetes mellitus
6. Complications of hemodialysis
7. Types of traction
8. Arrhythmias
9. Increased intracranial pressure
10. Pleural effusion
11. Amputation
12. Define hernia. List the types of hernia.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Meningitis
14. Anasarca
15. Epilepsy
16. Radiation therapy
17. Arthroscopy
18. Audiometry
19. Rhinitis
20. Conjunctivitis
21. Folic acid deficiency
22. Nebulization

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – APRIL 2018

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 glycogenesis and glycogenolysis.
2. Describe urea cycle. Add a note on disorders of urea cycle.

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

3. Outline the β – oxidation of fattyacids
4. Disaccharides
5. What are peptides? Biological importance of peptides
6. Classify enzymes with one example.
7. Lipoproteins

SHORT ANSWERS — 4 x 2 = 8 Marks

8. Water balance
9. Function of Albumin
10. Oxidative phosphorylation
11. Essential amino acids

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – APRIL 2018

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. Define Current, Voltage and Resistance, Mention their units and write a note on Ohm's law.
2. Write the principle of electrocardiography. Explain procedure to record electrocardiography.

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

3. Distinguish between Kinetic Energy and Potential Energy with examples.
4. Explain the defects of vision and their corrections.
5. Pacemakers
6. What is lever? Mention its types with examples.
7. Regulation of body temperature

SHORT ANSWERS 4 x 2 = 8 Marks

8. List applications of X-rays
9. Convert 40°C to Fahrenheit scale
10. Why white clothes are preferred in summer?
11. What are SI units?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEP-2018

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 process.
   b) List the various steps of nursing process.
   c) Explain in detail about any one step.
2. a) Define quality assurance.
   b) Explain the role of professional bodies in maintenance of standards.

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

3. Concept of health and illness
4. Expanded role of a nurse
5. Community oriented nursing
6. Nursing standards

SHORT ANSWERS 5 x 2 = 10 Marks

7. Stress and adaptation
8. Problems of Toddler
9. Legal Issues in nursing
10. List the Sharp wastes.
11. Purposes of physical assessment

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – OCT-2018

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 protein energy malnutrition.
   b) Explain the different methods used for nutritional assessment.
2. a) Define Dietetics.
   b) Explain the therapeutic diet for hypertension.

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

3. Vitamin D deficiency
4. Supplementary feeding
5. Functions of carbohydrate
6. Guidelines available for menu planning

SHORT ANSWERS 5 x 2 = 10 Marks

7. Boiling
8. Sources of Vitamin A
9. Anemia
10. Role of fibre in diet
11. Total parenteral nutrition

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEP-2018

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 ‘Emotion’. Explain any two theories of emotion.
2. What is ‘Intelligence’? Explain any three theories of intelligence.
3. What is ‘Personality’? Explain the theories of personality.

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

4. Explain case study method in psychology.
5. Factors influencing perception
6. What are the sources of frustration?
7. Explain the relationship between emotions and health.
8. What are the psychological needs of aged people?
9. What are the individual differences in health and sickness?
10. Describe operant conditioning in skinner.
11. Characteristics of mentally healthy person
12. Explain Maslow’s need theory.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Perceptual errors
14. Extrovert
15. Identical twins
16. Child psychology
17. Personal motives
18. Exogenic factors of forgetting
19. Negative attitudes
20. Mentally healthy person
21. Superego
22. Types of conflict

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEP-2018

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 hypersensitivity reactions. Describe in detail Type I hypersensitivity reaction.
2. What is nosocomial infection? Describe different types of infection in the hospital with examples.
3. Describe the various methods of cultivation of viruses.

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

4. Prophylaxis for tetanus
5. Laboratory diagnosis in a suspected case of pulmonary tuberculosis
6. Hot air oven
7. Bacterial capsule
8. VDRL
9. Passive immunity
10. Dermatophytes
11. Segregation of biomedical waste
12. Laboratory diagnosis of Human Immunodeficiency Virus infection

SHORT ANSWERS 10 x 2 = 20 Marks

13. Coagulase test
14. Widal test
15. Gram stain
16. Enriched media-definition with one example
17. Draw the structure of Immunoglobulin M
18. ASLO
19. India ink
20. Louis Pasteur
21. Draw a neat labelled diagram of ova of round worm
22. Draw a neat labelled diagram of Hepatitis B virus

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – SEP-2018

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 forceps application.
   b) Explain the indications, procedure, maternal and fetal effects of forceps application.
   c) Describe the nursing care for mother undergone forceps delivery. (2+5+3)
2. a) Define breech presentation.
   b) Explain the types, causes and complications of breech presentation.
   c) Describe the Burns' Marshall method of breech extraction. (2+5+3)
3. a) Define rupture of uterus.
   b) Explain the etio-pathology and diagnosis of uterine rupture.
   c) Describe the medical, surgical and nursing management for uterine rupture. (2+4+4)

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

4. Explain the medical and nursing management of pregnant mother with HIV/AIDS.
5. Describe the musculoskeletal and skin changes in pregnancy.
6. Illustrate the nursing care of mother with preterm labour.
7. Explain the pre and the postoperative care of mother undergone emergency LSCS.
8. Explain the role of nurse in reducing the maternal mortality and the morbidity rate.
9. Describe the fetal development.
10. Describe the nursing care for the antenatal mother with cardiac illness.
11. Explain molar pregnancy.
12. Describe the medical and nursing management of atonic uterus.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Write any one permanent method of family planning.
14. Define secondary infertility.
15. Outline the drugs used to treat eclampsia.
16. Define still birth
17. Define shoulder dystocia.
18. Define uterine inertia.
19. Define lightening.
20. Write any two differences between true labour pain and false labour pain.
21. Define APGAR score.
22. Write any two differences between precipitate labour and prolonged labour.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – OCT-2018

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) Write the meaning of Cyanotic heart disease.
   b) Enlist the clinical features of a 3 year old child with Tetralogy of Fallot.
   c) Describe the nursing management of this child, stating the nursing problems on priority
2. a) Define bronchial asthma.
   b) Explain the pathophysiology of bronchial asthma
   c) Explain the nursing management of a 7 year old child with bronchial asthma, stating the nursing problems on priority.
3. a) Define Iron deficiency anemia.
   b) List the clinical features in a 5 year old child with iron deficiency anemia
   c) Explain the nursing management of this child, stating the nursing problems on priority

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

4. Explain Physiological jaundice.
5. Describe the problems of an Adolescent.
6. Explain the nursing management of rheumatic fever.
7. Explain Thermoregulation in newborn.
8. Enumerate the Therapeutic value of play.
9. Describe the management of burns.
10. Explain Immunization schedule.
11. Illustrate the nursing management of convulsions.
12. Explain Fluid management of severe dehydration.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Write the meaning of Cooperative play.
14. Mention the difference between nephrotic syndrome and glomerulo nephritis.
15. Write the cardinal signs of meningitis.
16. Define Club foot.
17. Define Meningomyelocele.
18. Write the meaning of Fine motor development and give an example.
19. List the deficiency disorders of vitamin A.
20. Mention the types of fractures in children.
21. Define Hemophilia.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – OCT-2018

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. Mrs. Renu aged 45yrs, weighing 50kgs has 55% burns and admitted to burns ward.
   a) Write the pathophysiology of burns.
   b) Calculate the fluid plan for Mrs. Renu.
   c) Write the nursing care plan of Mrs. Renu for three priority nursing diagnosis.
2. Mrs. Geeta is admitted in the surgical ward for hysterectomy.
   a) List the indications for hysterectomy.
   b) Write in detail the pre and post operative care of Mrs. Geetha.
3. a) Define cerebrovascular accident (CVA) and list the causes of CVA.
   b) Discuss the pathophysiology of CVA.
   c) Plan nursing care using nursing process

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

4. Glaucoma
5. Otitis media
6. Cancer chemotherapy
7. Acute renal failure
8. Cardiac tamponade
9. Refraction errors
10. Colostomy care
11. Fissure in ano
12. Surgical management peptic ulcer

SHORT ANSWERS 10 x 2 = 20 Marks

13. GI bleed
14. Tetany
15. Digitalis
16. Colitis
17. Amputation
18. Types of insulin
19. Antacids
20. Cystoscopy
21. Haemodialysis
22. Causes of intestinal obstruction

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – SEP-2018

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. Give an account of digestion and absorption of lipids.
2. Classify enzymes based on IUB classification with two examples for each class.

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

3. Describe Glycogenesis. How is it regulated?
4. Urea cycle.
5. Diagnostic importance of Isoenzymes in myocardial infarction.
6. Hormonal regulation of electrolyte balance.
7. Discuss Hexose monophosphate pathway. Add a note on its significance.

SHORT ANSWERS (Answer All) 4 x 2 = 8 Marks

8. Functions of Sodium.
9. Uncouplers of Oxidative Phosphorylation.
10. Hyperglycemia.
11. Name Ketone bodies

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – SEP-2018

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 are X rays? How are they produced? What are the properties and uses of X-rays in medical practice?
2. State and explain Pascal's law. How this law finds its application in the measurement of blood pressure? Explain the constructions and working of sphygmomanometer.

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

3. Distinguish between Kinetic energy and Potential energy with examples.
4. State and explain the Newton's laws of motion.
5. Explain the mechanism of hearing.
6. Give the different effects of electricity on human body.
7. What is Radio Isotope? Mention the applications of the Radio Isotopes in medical practice.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Gravity affects circulation of blood - explain
9. Write a neat diagram of Lead – II ECG and label.
10. What is a lever? Mention types of levers.
11. What is normal audio frequency range of human ear?

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