Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 09-Feb-2022

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

MICROBIOLOGY (RS2)
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. Add a note on sterilization by moist heat.
2. List the bacteria causing sexually transmitted diseases. Describe the pathogenesis and lab diagnosis of syphilis.
3. Describe the morphology of entamoeba histolytica and discuss the lab diagnosis of intestinal amoebiasis.

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

4. Bacterial capsule
5. Trichomonas vaginalis
6. Life cycle of malarial parasites
7. Ziehl – Neelsen stain
8. Widal test
9. Type I hypersensitivity
10. Candida albicans
11. Prophylaxis for rabies
12. Hospital borne infection
13. DPT

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

14. Draw neat, labeled diagram of IgM.
15 Name two spore-forming bacteria.
16. Name two bacteria causing food poisoning.
17. Name two gaseous disinfectants.
18. Intermediate host
19. Name two RNA viruses
20. Define antigen
21. Mention two modes of transmission of HIV infection.
22. Draw a neat, labeled diagram of hookworm ova.
23. Significant bacteriuria

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 11-Feb-2022

Time: 3 Hours **Max. Marks: 40 Marks**

ANATOMY (RS2)
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 GIT. Describe in detail stomach.
2. Name the organs constituting the female reproductive system. Mention two supports of the uterus.

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

3. Draw and label the structure of a cell.
4. Heart
5. Pancreas
6. Urinary bladder
7. Hip joint

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

8. Mention the types of muscle tissue.
9. What are the parts of the ear?
10. Name the carpals.
11. Nephron
12. Neuron

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I Year B.Sc. Nursing (PC) Degree Examination – 11-Feb-2022

Time: 3 Hours **Max. Marks: 40 Marks**

PHYSIOLOGY (RS2)
Q.P. Code: 1706

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP Codes 1705 and 1706 are to be answered within total duration of 3 hours)

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

1. Name the respiratory muscles. Describe the mechanism of normal respiration.
2. Name the ascending tracts of the spinal cord. Describe the origin, course, extent & termination of pain pathway.

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

3. Functions of thyroid hormone
4. Conducting system of heart
5. Classify WBC and describe their functions.
6. Composition and functions of pancreatic juice
7. Endometrial changes during menstrual cycle

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

8. Functions of kidney
9. Functions of aqueous humor
10. Methods of contraception in males
11. Sarcomere
12. Functions of skin

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 03-Feb-2022

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

NURSING FOUNDATION
(RS3 & RS4)
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 ethical principles that the nurse must consider when providing care to the patient.

2. a) Define nursing process.
   b) Explain assessment step of nursing process.

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

3. State the functions of TNAI.
4. Describe team nursing
5. Explain the process of nursing audit.
6. Explain the stress adaptation with suitable examples.

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

7. Define holistic nursing.
8. List any four criteria of a profession.
9. List the types of hospital wastes.
10. List the four basic Meta Paradigm concepts in nursing.
11. List Erik Erikson's stages of development from infancy to school age

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I Year B.Sc. Nursing (PC) Degree Examination – 07-Feb-2022

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

NUTRITION AND DIETETICS
(RS3 & RS4)
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 community Nutrition and explain the various community nutrition programmes.
2. Define balanced diet. Explain the components and importance of Balanced diet.

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

3. Balanced diet for elderly.
4. Explain the Food standards.
5. Assessment of Nutritional status.
6. Describe different methods of cooking.

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

7. Malnutrition.
8. Colostrum.
9. Baking.
10. Vitamin K deficiency
11. Food adulteration.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 11-Feb-2022

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

PSYCHOLOGY
(RS3 & RS4)
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 scope of psychology with reference to nursing.
2. What is motivation? Explain social motives.
3. What is heredity? Explain role of heredity and environment in causing individual differences.

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

4. Methods of psychology.
5. Factors influencing attention.
6. Maslow's need hierarchy theory.
7. Types of conflicts and its resolution.
8. Emotions and diseases.
9. Explain classical conditioning.
10. Explain factors influencing development of attitudes.
11. Projective techniques.
12. Explain characteristics of mentally healthy person.

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

13. Attention.
14. Frustration.
15. The Id.
16. Short term memory.
17. Mental health.
18. Psychological needs of child.
19. Illusion.
20. Clinical psychology.
21. Intelligence quotient.
22. Attitudes.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 15-Feb-2022

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

MICROBIOLOGY
(RS3 & RS4)
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 hospital infection. Explain the source, mode of transmission, type of infection and control of hospital infection from nurses.
2. Define viral **hepatitis** and classify. Explain pathogenesis of prophylaxis of **hepatitis** B virus.
3. Describe the morphology, culture characteristics, pathogenesis and laboratory diagnosis of Tuberculosis.

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

4. Bacterial growth curve.
5. Gram staining.
6. Lab **diagnosis** of **C**. diphtheriae.
7. Lab diagnosis of HIV.
8. Bacterial flagella.
9. Acquired immunity.
10. Autoclave.
11. Culture media.
12. Dermatophytes.

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

13. Draw the form of Entamoeba histolytica.
14. Koch postulate.
15. Name four live vaccine.
16. Name four **enriched** media.
17. Name four-gram **positive** microorganisms.
18. Draw **bacterial** spore.
19. Method to treat Biomedical waste.
20. Name four types of bacteria causing diarrohea.
21. Negative staining method.
22. BCG vaccine.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 17-Feb-2022

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

MATERNAL NURSING
(RS3 & RS4)
Q.P. CODE: 1736

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

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

1. a. Define puerperium.
   b. Explain the physiological changes during puerperium.

2. a. Define obstetric and gynaecological nursing.
   b. How will you teach, guide and supervise midwifery personnel in terms of planned parenthood?

3. a. What are the causes of abruptio placenta?
   b. Describe the clinical features and management of revealed abruptio placenta.

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

4. Define fertilization and explain the process of fertilization.
5. Explain antenatal care in detail.
6. Discuss minor disorders of pregnancy.
7. Describe the essential care of newborn.
8. Explain the condition of Obstetrical shock.
9. Enumerate Menstrual cycle.
10. Explain Foetal circulation.
11. Explain the Pre-requisites of a forceps delivery.
12. Define ectopic pregnancy and discuss the management of Tubal pregnancy.

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

13. List down the clinical features of Post partum blues.
14. Write the causes for heat loss in newborn.
15. What is Implantation or Nidation?
16. Write on Involution of uterus.
17. What do you mean by lightening?
18. What is Trophoblast?
19. List the causes for Atonic uterus.
20. List the side effects of IUCD (Intra Uterine Contraceptive Devices).
21. What is Show?
22. Discuss Rooting reflex.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 18-Feb-2022

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

CHILD HEALTH NURSING
(RS3 & RS4)
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 factors affecting the growth and development.
   b) Explain the stages of Erickson's psychosocial development from infancy to adolescent.
2. a) Define meningitis.
   b) List the stages of tubercular meningitis.
   c) Explain the medical and nursing management of child with tubercular meningitis.
3. a) Define congenital heart diseases.
   b) List the types of congenital heart diseases.
   c) Explain the management of the child with ventricular septal defect.

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

4. Explain immunization schedule.
5. Describe the National policy for children.
6. Discuss the advantages of breast feeding.
7. Explain Kangaroo mother care.
8. Describe the care of new born with hyperbilirubinemia.
9. Explain the fluid management of a child with diarrhea.
10. Describe the preventive aspects of PEM.
11. Explain the attention deficit hyperactivity disorder.
12. Discuss the management of visually handicapped child.

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

13. List the four causes of low birth weight baby.
14. Define Phimosis.
15. Complication of phototherapy.
16. Differentiate between meningocele and meningomyelocele.
17. Mention the technique used for feeding child with cleft lip and cleft palate.
18. List any two preventive measures of scabies.
19. What is extrusion reflex?
20. Define infant mortality rate.
21. State the meaning of talipes equinovarus.
22. What is vernixcaseosa?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 21-Feb-2022

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

MEDICAL SURGICAL NURSING
(RS3 & RS4)
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. Guru aged 45 yrs is admitted in the medical ward with brain tumor and is posted for surgery
   a) Classify brain tumor
   b) Explain briefly about the various treatment modalities for brain tumour
   c) Prepare a nursing care plan for this patient using nursing process based on two prioritized nursing diagnosis.

2. Mrs Tanuja is admitted with the diagnosis of myocardial infarction (MI)
   a) Explain the pathophysiology of MI
   b) Describe the immediate medical management of Mrs. Tanuja.
   c) Prepare a health education plan for Mrs Tanuja

3. Mrs. Vani is admitted to the ward with diagnosis of COPD
   a) Define COPD
   b) Explain the pharmacological therapy for a patient with COPD
   c) Explain the nursing management of Mrs Vani

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

4. Describe the dietary management of patient with diabetes mellitus.
5. Explain the fluid management of patient with 50%burns.
6. Explain the causes and management of peptic ulcer.
7. Explain the procedure of defibrillation.
8. Describe the nursing care of patient after mitral valve replacement surgery.
9. Describe various types of crutch walking.
10. Explain the directly observed short course chemotherapy in tuberculosis.
11. Describe the pathophysiology of portal hypertension.
12. Explain the various causes for Acute renal failure.

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

13. Give two important responsibilities of a nurse in administration of diuretics
14. Define lordosis?
15. Mention two complications of Peptic ulcer
16. Write the meaning of compartment syndrome
17. Define menorrhgia
18. Classify chemotherapeutic drugs in cancer treatment
19. Mention four factors that affects wound healing
20. List the principles of hemodialysis
21. List four important responsibilities of a nurse in caring for a patient posted for bone marrow transplantation
22. Differentiate between concussion and contusion

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 09-Feb-2022

Time: 3 Hours **Max. Marks: 38 Marks**

BIOCHEMISTRY (RS3 & RS4)

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. Write the steps of HMP shunt pathway in detail. Write its significance.
2. Define carbohydrates. Classify carbohydrates with examples. Add a note on importance of carbohydrates.

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

3. Difference between diffusion and Osmosis.
4. Transamination of amino-acids and its significance
5. Role of liver in lipid metabolism.
6. Bio-medical waste management.
7. What are plasma proteins and their functions?

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

8. List any four pancreatic lipases of GIT.
9. Galactosuria.
10. Classification of Lipids with examples.
11. Mention the normal values of Blood Urea, Nitrogen and Serum Creatinine.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 09-Feb-2022

Time: 3 Hours **Max. Marks: 37 Marks**

BIOPHYSICS – (RS-3 & RS-4)

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 briefly on ECG, EEG, EMG and ECT.
2. Explain the term force, work and energy. Mention their units. Explain the principles of Machine.

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

3. Application of principles of gravity in nursing.
4. Regulation of body temperature.
5. Defective vision and its correction.
6. Measurement of pressure in the body.
7. Use of ultrasound.

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

8. Why white cotton clothes are preferred in summer?
9. Why ice floats on the surface of water?
10. What are the principles of traction?
11. Uses of X-rays in the medicine.

I Year B.Sc. Nursing (PC) Degree Examination – 18-May-2022

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

NURSING FOUNDATION - (RS3 & RS4)

Q.P. CODE: 1731

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

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

1. Discuss the expanded and extended role of nurse.
2. Explain any one nursing theory with example.

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

3. Ethical and legal issues in nursing.
4. Explain health illness continuum.
5. Explain planning in nursing process.
6. Discuss the management of biomedical waste.

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

7. Nursing audit.
8. List tools of nursing assessment.
9. Holistic nursing care.
10. List any four roles of professional bodies in maintain nursing standards.
11. What is code of ethics in nursing?

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 18-May-2022

Time: Three Hours **Max. Marks: 45 Marks**

NUTRITION
(RS2, RS3, RS4 & RS5)
Q.P. Code: 1755

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions
(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS **1 x 10 = 10 Marks**

1. Explain the various methods of cooking and its effect on nutrients.

SHORT ESSAYS **5 x 5 = 25 Marks**

2. Explain the classification of foods.
3. Explain in detail digestion and absorption of carbohydrates.
4. What are the sources and functions of calcium?
5. List the different house hold methods for preservation of food. Explain any one.
6. Explain mid-day meal programme.

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

7. Define marasmus.
8. What are Refined oils?
9. Define Beri-Beri.
10. What is Cheilosis?
11. What is electrolyte imbalance?

I Year B.Sc. Nursing Degree Examination – 18 May 2022

Time: Three Hours **Max. Marks: 30 Marks**

BIOCHEMISTRY
(RS2, RS3, RS4 & RS5)
Q.P. Code: 1756

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary. Answer All Questions
(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS **1 x 10 = 10 Marks**

1. Define Gluconeogenesis. Describe in detail about pathway of Gluconeogenesis.

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

2. Differentiate between prokaryotic and Eukaryotic cell.
3. Explain the metabolism of proteins.

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

4. List four functions of cell wall.
5. Define Osmosis.
6. List four functions of Lipids.
7. Lit four signs of deficiency of Vitamin C.
8. List four advantages of an ELISA test.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 20-May-2022

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

NUTRITION AND DIETETICS
(RS3 & RS4)
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. Write the role of a nurse in nutrition programme.
2. Plan a diet suitable in Pregnancy.

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

3. What are the function of Protein?
4. What is safe food handling?
5. Write the clinical inputs for reducing malnutrition.
6. Why is special emphasis laid on nutrition during pregnancy? Write about the excess need of supplementary food during pregnancy.

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

7. What is liquid diet?
8. Factors affecting BMR.
9. Define allergy.
10. Weaning diet.
11. Deficiency of Vitamin K.

I year B.Sc. Nursing (PC) Degree Examination – 23-May-2022

Time: 3 Hours **Max. Marks: 38 Marks**

BIOCHEMISTRY (RS3 & RS4)
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. What is gluconeogenesis? Describe formation of glucose from pyruvate.
2. Describe the oxidation of fatty acids. Add a note on its energetics with example.

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

3. Heteropoly saccharides
4. Name phospholipids and write their functions.
5. Urea cycle
6. Write briefly on factors regulating water balance.
7. Digestion of carbohydrates

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

8. Name ketone bodies.
9. Write normal serum levels of sodium and alkaline Phosphatase.
10. Give examples for (a) Reducing disaccharide (b) Sulfur containing amino acid.
11. Mitochondria

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 23-May-2022

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

MICROBIOLOGY (RS2)
Q.P. CODE: 1704

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

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

1. Mention the sources of infection and give an account of hospital infection and its prevention.
2. Describe the life cycle and laboratory diagnosis of Ancylostoma duodenale (Hookworm).
3. Describe the pathogenicity, laboratory diagnosis and prophylaxis against diphtheria.

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

4. Morphological classification of bacteria
5. Acquired immunity
6. Laboratory diagnosis of pulmonary tuberculosis
7. Bacterial flagella
8. Prophylaxis of Rabies
9. Laboratory diagnosis of HIV infection
10. Candida albicans
11. Immunoglobulin M (IgM)
12. Food poisoning
13. Examination of stool for parasitic ova and cyst

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

14. Define an antigen.
15 Draw a neat, labeled diagram of Hepatitis B virus.
16. Name two selective media.
17. Draw a neat, labeled diagram of bacterial growth curve.
18. Define sterilization and disinfection.
19. Name two live vaccines.
20. Name two intestinal nematodes.
21. Name two dermatophytes.
22. Name two bacteria causing urinary tract infection.
23. Name the biological indicators of sterilization used in hot air oven and autoclave.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 23-May-2022

Time: 3 Hours **Max. Marks: 37 Marks**

BIOPHYSICS - (RS3 & RS4)
Q.P. Code: 1740

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

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

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

1. What is centre of gravity? Explain the application of gravity in nursing.
2. Explain biological effects of light.

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

3. What are fundamental and derived units?
4. What are scalar and vector quantities?
5. Describe an inclined plane.
6. Write a note on body temperature regulation.
7. Use of light in therapy.

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

8. Define velocity and acceleration.
9. Define force and write its unit.
10. What is Traction?
11. Give the relation between energy and wavelength.

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I Year B.Sc. Nursing (PC) Degree Examination – 25-May-2022

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

PSYCHOLOGY - (RS3 & RS4)
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 Psychology? Explain importance of psychology with reference to nursing.
2. What is defense mechanisms? Explain types of defense mechanisms with examples.
3. What is learning? Explain trial and error learning.

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

4. Branches of psychology.
5. Varities of attention.
6. Types of basic motives.
7. Sources of frustration.
8. Emotions of illness.
9. Characteristics of mentally healthy person.
10. Explain types of intelligence tests.
11. Explain principles of grouping and organization.

12. Explain types of conflicts and its resolution.

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

13. Perception.
14. Self-actualization.
15. The ego.
16. Long term memory.
17. Mental health.
18. Psychological needs of adolescents.
19. Indentical twins.
20. Hallucination.
21. Introspection.
22. Mental age.

I Year B.Sc. Nursing (PC) Degree Examination – 27-May-2022

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

MICROBIOLOGY
(RS3 & RS4)
Q.P. CODE: 1735

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

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

1. Describe and classify hypersensitivity. Write in detail about anaphylaxis.
2. Classify mycobacterium. Explain detail about morphology and pathogenesis and lab diagnosis of pulmonary tuberculosis.
3. Define sterilization. Classify sterilization method. Explain detail about autoclave.

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

4. Bacterial spore.
5. Widal test.
6. Life cycle of round worm.
7. Acid fast staining.
8. Nosocomial infection.
9. Differential medial.
10. Prophylaxis of rabies virus.
11. Laboratory diagnosis of enteric fever.
12. Candida albicans.

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

13. Contribution of Robert Koch.
14. Name four DNA virus and RNA viruses.
15. What is Zoonotic diseases? Give two examples.
16. Name four transport media.
17. DPT vaccine.
18. Name type of bacteria flagella.
19. VDRL test.
20. Name four gaseous disinfectants.
21. Name four species of plasmodium cause malaria.
22. Name four spore containing bacterial diseases.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 30-May-2022

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

MATERNAL NURSING
(RS3 & RS4)
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 Maternal mortality rate.
   b) What are the causes of maternal mortality?
   c) Explain the role of nurse in prevention of maternal mortality.

2. a) Define Birth Asphyxia.
   b) Enumerate the etiological factors of Birth Asphyxia.
   c) Describe the medical and nursing management of Birth Asphyxia.

3. a) Identify the minor disorders during second and third trimester of pregnancy.
   b) Explain the management of the minor disorders to Mrs. X during her visit to antenatal clinic.

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

4. How will you prepare a couple for parenthood?
5. Explain about MTP act.
6. Describe the placental development with a neat diagram.
7. Analyse the changes of endocrine glands during pregnancy.
8. Formulate two nursing diagnosis with an objective and plan of action for a woman in the first stage of labour.
9. Develop a discharge plan for a postnatal mother with spontaneous vaginal delivery.
10. What are the types and causes of uterine fibroid?
11. List the steps of Baby Friendly Hospital Initiative.
12. State the clinical features of premature babies.

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

13. What are the problems associated with unwed pregnancy?
14. What is surrogacy?
15. List any four Tocolytic drugs.
16. Enumerate the phases of lactation.
17. Differentiate between true labour pain and false labour pain.
18. List the types of pelvis
19. Define infertility.
20. Enumerate the causes of abortion.
21. Write two differences between constriction ring and retraction ring.
22. Which are the signs and symptoms of breast engorgement?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 01-Jun-2022

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. Describe the growth and development of an adolescent under the following heading:
   a) The biological growth
   b) Psychosocial and psychosexual development
   c) Common health problems of an adolescent
2. A newborn was admitted to the ward with a protrusion on the back and diagnosed with Spina Bifida
   a) Define spina bifida
   b) List the types of spina bifida
   c) Explain the management of the baby with spina bifida
3. a) Define Nephrotic syndrome
   b) Write the pathophysiology of Nephrotic Syndrome
   c) Explain the management of child with Nephrotic Syndrome

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

4. Immediate Care of the New born.
5. National Immunization schedule for children.
6. Breast feeding.
7. Management for drowning in children.
8. Management of juvenile Diabetes mellitus.
9. Classify and explain mentally challenged children.
10. Organization of NICU.
11. National policy for children.
12. Causes and clinical manifestations of intestinal obstruction.

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

13. Difference between Oedipus complex and electra complex.
14. Moro reflex.
15. Common accidents in school children.
16. Four common Eye disorders in infants.
17. Causes of Psoriasis.
18. Epistaxis.
19. Hypospadiasis.
20. Apgar score.
21. Causes of urinary tract infection.
22. Enuresis.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 03-Jun-2022

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

MEDICAL SURGICAL NURSING
(RS3 & RS4)
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) What are the causes of parkinsonism
   b) Explain the clinical manifestations
   c) Explain the role of a nurse in the rehabilitation of a patient with parkinsonism
2. a) list the causes and complications of tonsillitis
   b) Explain the nursing management of a patient for the first 24hrs after tonsillectomy
3. a) Define myocardial infarction
   b) List the risk factors & explain the pathophysiology of myocardial infraction
   c) Explain the nursing management of a patent with M.I based on three priority nursing diagnosis

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

4. Electro Cardiogram
5. Deviated Nasal Septum
6. Glaucoma
7. Pathophysiology of COPD
8. Types of anaemia
9. Haemodialysis
10. Prevention of urinary tract infection
11. Prevention of Diabetic foot
12. Thromboangitisobliterance

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

13. Mammography
14. Synovectomy
15. Atelectasis
16. Phanthom limb
17. Dumping syndrome
18. Name four drugs used in bronchial asthma
19. Edema
20. Osteomyelitis
21. Tracheostomy
22. Steatorrhoea

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