Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 26-Jul-2021

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. a) Define Nursing Profession and state its characteristics.
   b) Explain “Nursing as a Profession”.
2. Explain the importance of ethics in profession. Describe the ICN code of ethics for nursing.

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

3. Explain the assessment step of Nursing Process.
4. List the Nursing theories. Explain the four metaparadigms with respect to the theories.
5. Write about the expanded role of a nurse.
6. Define waste. Write the types of hospital waste and hazards associated with hospital waste.

SHORT ANSWERS 5 x 2 = 10 Marks

7. Define Quality Assurance.
8. List the qualities of professional nurse.
9. Define Stress and its types.
10. Define health.
11. Need for theories in Nursing

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 28-Jul-2021

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. a) What are the nutritional needs of a pregnant women?
   b) Plan a menu for a pregnant woman
2. a) Discuss the importance of nutrition of education.
   b) Explain the role of a nurse nutrition education.

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

3. Milk hygiene
4. BFHI (Baby friendly hospital initiative)
5. Effects of folic acid deficiency
6. Functions of iron

SHORT ANSWERS — 5 x 2 = 10 Marks

7. Obesity
8. Fluid diet
9. Essential amino acid
10. Balanced diet
11. Vegetable soup

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 30-Jul-2021

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. Explain digestion and absorption of carbohydrates. Add a note on Lactose Intolerance.
2. Explain tyrosine metabolism, add a note on Alkaptonuria.

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

3. Describe about Active mechanism with one example.
4. What are Essential fatty acids? Mention their importance and deficiency manifestation.
5. Cori's cycle and its significance
6. Hormonal regulation of blood glucose
7. Classification of enzymes with examples.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Four characteristics of Eukaryotic Cells.
9. Structure and function of Starch.
10. Properties of Simple Lipid.
11. Deficiency manifestations of Folic Acid.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 30-Jul-2021

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 radio activity? Explain the use of radio isotopes in medicine.
2. Write a note on application of gravity in nursing.

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

3. Arterial and venous blood pressure.
4. Use of Heat in sterilization.
5. Pacemakers.
6. Write a note on use of Light in therapy.
7. Write a note on Vocalization and hearing.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Defibrillation.
9. Units of velocity and acceleration.
10. Atmospheric pressure.
11. Define specific heat.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 02-Aug-2021

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 memory? Explain memory improvement.
2. What is personality? Explain classification of personality.
3. What is mental health? Explain characteristics of mentally healthy person.

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

4. Importance of psychology with reference to nursing.
5. Factors influencing perception.
6. Types of psychological needs.
7. Emotions and health.
8. Explain laws of learning.
9. Explain causes of forgetting.
10. Explain factors influencing personality development.
11. Explain defense mechanisms.
12. Explain classification of intelligence tests and its uses.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Distraction.
14. Aggression.
15. The super ego.
16. Iconic memory.
17. Insight learning.
18. Psychological needs of aged.
19. Sensation.
20. Observation.
21. Attitudes.
22. Psychology.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 04-Aug-2021

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. Write about acquired immunity.
2. Discuss the source and mode of transmission of hospital infection and add a note on preventive measures.
3. What is enteric fever? Write about the Pathogenesis and Lab diagnosis of Typhoid Fever.

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

4. Draw a neat labeled diagram of bacterial cell and explain cell membrane.
5. Define sterilization. Explain sterilization by hot air oven.
6. Candidiasis.
7. Serological tests for Syphilis.
8. Grams staining.
9. Varicella Zoster Virus.
10. Oral Thrush.
11. Rabies.
12. Lab Diagnosis of Pulmonary Tuberculosis.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define medical microbiology.
14. Define Koch's phenomenon.
15. Define anaerobic culture media.
16. Name the parasites whose ova are detected in stool microscopy.
17. Name the four phases of bacterial growth.
18. Mention any two transport media.
19. Name two gaseous disinfectants.
20. Define pasteurization.
21. Name three diseases caused by clostridium.
22. Name two diseases caused by spirochetes.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 09-Aug-2021

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. An eight-year-old child is admitted in the Medical Ward with Rheumatic Fever. (a) Describe the causes of Rheumatic fever. (b) List the Clinical features (c) Describe the role of the nurse in caring for child with Rheumatic fever.
2. Define Tetrology of Fallot (TOF). Explain the nursing management of child with TOF.
3. Describe the developmental changes in adolescence and list the health needs of an adolescent.

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

4. Enumerate the Trends in Child Health Nursing.
5. Describe Neonatal resuscitation.
6. Explain the Care of Child with Bronchial Asthma.
7. Write about the Restraints in children.
8. Explain the management of Physically Challenged Children.
9. Illustrate prevention of Accidents in children.
10. Explain Pre-Operative Preparation of child undergoing surgery.
11. Mention the Parasitic Infestations and write about their prevention.
12. Explain the Fluid management in Burns.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Expand BCG and mention its purpose.
14. Mention First aid during Epistaxis.
15. State the differences between Physiological Jaundice and Pathological Jaundice.
16. Mention the Conduct disorders.
17. Define Pyloric Stenosis.
18. Enlist the Cardinal Signs of Marasmus.
19. Define Thalassemia.
20. List the Neonatal Reflexes.
21. Define Enuresis.
22. Mention the Cardinal signs of Measles.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 11-Aug-2021

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. Discuss the pathophysiology, clinical features and the diagnostic measures of Pulmonary Tuberculosis. Explain the medical management and complications of Pulmonary Tuberculosis and write a note on family education.
2. Discuss the etiologic classification, clinical manifestations and the diagnostic measures of Anaemia. Explain the procedure and the adverse reactions of Blood Transfusion.
3. Discuss the clinical manifestations, drug therapy and the nursing intervention of Chronic Renal Failure. Explain the complications of Peritoneal Dialysis.

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

4. Preoperative care
5. Thyroid crisis
6. Pleural effusion
7. Hemophilia
8. Percutaneous Trans Luminal Coronary Angioplasty
9. Pott’s spine
10. Cardiac arrest
11. Acute renal failure
12. Malaria

SHORT ANSWERS 10 x 2 = 20 Marks

13. Corticosteroids
14. Portal hypertension
15. Cholecystitis
16. Fracture
17. Glucose tolerance test
18. Purpura
19. Angina pectoris
20. Appendicitis
21. Thoracentesis
22. Snellen’s chart

*****