Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – 07-Jan-2025

Time: Three Hours | Max. Marks: 80 Marks

MICROBIOLOGY (RS)
Q.P. CODE: 1681

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 in detail the morphology, cultural characteristics, pathogenicity, laboratory diagnosis of Streptococcus pyogens.
2. Name two medically important spirochetes. Explain in detail the morphology, cultural characteristics, laboratory diagnosis, pathogenicity and prophylaxis of Syphilis.
3. Explain in detail about the morphology, pathogenicity, clinical symptoms, lab diagnosis and prophylaxis of HIV.

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

4. Draw a neat labelled diagram of bacterial cell and explain cell membrane.
5. Draw a neat labelled diagram of bacterial growth curve. Explain about lag phase.
6. Define sterilization. Explain sterilization by hot air oven.
7. Define infection. Describe the sources of infection.
8. Define carriers. Describe the types of carriers.
9. Define hypersensitivity reactions. Explain type IV hypersensitivity reactions.
10. Define immunity. Explain artificial active immunity.
11. Explain Botulinum.
12. Explain Corynebacterium diphtheriae.
13. Explain differential culture media.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two contribution of Robert Koch in microbiology.
15 Define Anaerobic culture media.
16. Define precipitation reaction.
17. Name two gaseous disinfectants.
18. Define Pasteurization.
19. Name two RNA viruses.
20. Give two examples of Gram positive cocci.
21. Name two vectors and the diseases transmitted by them.
22. Name two live vaccines.
23. Mention two uses of ELISA test.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 03-Jan-2025

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1759

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Explain the pathogenesis, clinical features and diagnosis of Salmonella typhi.
2. Name the malarial parasites. Explain morphology, life cycle of Malarial Parasite.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Draw a neat labeled bacterial cell. Explain bacterial capsule.
4. Define culture method. Explain any two culture methods in detail.
5. Explain the steps in gram staining with a neat labeled diagram.
6. Define sterilization. Explain the principles and working of autoclave.
7. Define infection. Describe the methods of transmission of infection.
8. Define vaccine. Describe BCG vaccine.
9. Define antibody. Write the function of IgA immunoglobulin.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Name two contributions of Joseph Lister.
11. Name two types of precipitation test.
12. Define agglutination.
13. **Define antibiotic sensitivity test**
14. Name two gaseous disinfectants.
15. Define nosocomial infection.
16. Define antiseptics.
17. Name four clinical symptoms caused by E. coli
18. Name two bacterial vaccine.
19. Define immunization.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination –16-Jun-2025

Time: Three Hours | Max. Marks: 80 Marks

ANATOMY (RS)
Q.P. CODE: 1676

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 the glands in the body. Describe thyroid gland with respect to location, parts, covering and blood supply.
2. Name the branches of coronary artery. Describe left ventricle.
3. Name the parts of female reproductive system. Explain uterus.

SHORT ESSAYS — 8 x 5 = 40 Marks

4. Describe the structure of kidney.
5. Explain knee joint.
6. List the gluteal muscles and describe any one.
7. Describe the structure of pancreas.
8. Explain the gross anatomy of cerebellum.
9. Classify epithelial tissues and explain simple epithelium.
10. Describe the structure of right atrium.
11. Explain the structure of cell.

SHORT ANSWERS — 10 x 2 = 20 Marks

12. Name the tarsal bones.
13. Name the parts of sternum.
14. Name the bones of middle ear.
15. Write any differences between artery and vein.
16. Name the parts of epididymis.
17. Name the salivary glands.
18. Name any four cranial nerves.
19. Name four types of tissues.
20. Name the ventricles of brain.
21. Name the parts of large intestine.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 16-Jun-2025

Time: Three Hours Max. Marks: 37 Marks

ANATOMY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. Code: 1753

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

(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Name the parts of the respiratory system. Describe the right lung in detail.

SHORT ESSAYS 3 x 5 = 15 Marks

2. Explain in detail classification of connective tissues.
3. Name the location, surfaces, borders, blood supply and applied anatomy of liver.
4. Describe the kidney under following headings – location, shape, external features, coverings, relations and blood supply.

SHORT ANSWERS 6 x 2 = 12 Marks

5. Draw a labeled diagram of neuron.
6. Histology of small intestine.
7. Name the parts of middle ear.
8. Draw and label the diagram of skin.
9. Name bones of the lower limb.
10. Name the endocrine glands.

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I Year B.Sc. Nursing Degree Examination – 16-Jun-2025

Time: Three Hours Max. Marks: 38 Marks

PHYSIOLOGY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. Code: 1754

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

(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. What is blood pressure? List down the different types of shock? Add a note on hypovolemic shock.

SHORT ESSAYS 4 x 5 = 20 Marks

2. **Define tissue repair and explain types of tissue repair**
3. **Explain mechanics of respiration**
4. Explain the function of pancreas.
5. **Describe the renal regulation of fluid and electrolyte balance**

SHORT ANSWERS 4 x 2 = 8 Marks

6. List any four functions of a bone.
7. What is Conjunctivitis?
8. List any two important functions of insulin.
9. **What is Dysmenorrhea**

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 18-Jun-2025

Time: Three Hours Max. Marks: 45 Marks

NUTRITION
(RS-2, RS-3, RS-4 & RS-5)
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. What is menu planning? Discuss in detail the steps involved in planning on menu.

SHORT ESSAYS 5 x 5 = 25 Marks

2. Explain the national nutritional policy.
3. Explain metabolism of proteins.
4. Mention functions and deficiency of Iron.
5. Explain food hygiene.
6. Explain purpose of nutritional assessment.

SHORT ANSWERS 5 x 2 = 10 Marks

7. Any three functions of carbohydrates.
8. What is caloric value?
9. Sources of Vitamin 'D'.
10. What is water intoxication?
11. Kwashiorkar.

I Year B.Sc. Nursing Degree Examination – 18-Jun-2025

Time: Three Hours Max. Marks: 30 Marks

BIOCHEMISTRY
(RS-2, RS-3, RS-4 & RS-5)
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. Explain digestion and absorption of carbohydrates.

SHORT ESSAYS 2 x 5 = 10 Marks

2. Describe the types of Diffusion.
3. Enumerate the biological importance of proteins.

SHORT ANSWERS 5 x 2 = 10 Marks

4. List four functions of cell wall.
5. List the types of pH buffers.
6. List four functions of Bile Salts.
7. List four fat soluble vitamins.
8. List four functions of Collagen.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – 20-Jun-2025

Time: Three Hours | Max. Marks: 75

NURSING FOUNDATION
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1757

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. a. Define comfort.
   b. Enlist the factors influencing comfort.
   c. Explain the types and usage of comfort devices.
2. a. Define mobility and immobility.
   b. State the principles of body mechanics.
   c. Explain the hazards associated with immobility.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Discuss on scope of Nursing.
4. Define Nursing Process. Explain the purposes and importance of Nursing Process.
5. Discuss on types of fever.
6. Explain the assessment of Cardio vascular System using techniques of physical examination.
7. Explain gastrostomy feeding.
8. Define Nosocomial Infection. Describe on the role of nurse in prevention of Nosocomial Infection.
9. Explain the methods of effective communication.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Define primary health care.
11. Enlist medico legal issues in discharge of a patient.
12. List the factors influencing communication.
13. What is the meaning of documentation?
14. What is the meaning of condemnation of article?
15. Define asepsis.
16. Which are the parts of a syringe and needle?
17. Mention the uses of splint.
18. List down stages of grieving process.
19. Mention any two theoretical models useful in nursing practice.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 23-Jun-2025

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1758

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Define intelligence. Explain the classification of intelligence tests.
2. Explain the theories of motivation.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Describe the factors affecting development of personality.
4. How does the body affect the mind?
5. Explain the levels of thinking.
6. Briefly explain the uses of aptitude tests.
7. Describe conflict resolution.
8. Define grief and explain the stage of grief.
9. Explain the role of nurse in prevention of mental disorders.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. What is Assertiveness?
11. Define mental health.
12. What is half way homes?
13. Define psychology.
14. What are projective tests?
15. Define superego.
16. What is aptitude test?
17. List down the psychological needs of an infant.
18. Classify groups.
19. What are rating scales?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 25-Jun-2025

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1759

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Explain in detail the morphology, cultural characteristics, laboratory diagnosis and prophylaxis of vibrio cholerae.
2. Classify the genus Mycobacterium. Explain in detail about the morphology, cultural characteristics, laboratory diagnosis and prophylaxis of Mycobacterium tuberculosis.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Draw a neat labeled diagram of bacterial growth curve. Explain about lag phase.
4. Draw a neat labeled bacterial cell. Explain bacterial nucleus.
5. Define cultural method. Explain any two culture methods in detail.
6. Define bio-medical waste. Describe the different methods of bio-medical waste treatment.
7. Define infection. Describe the sources of infection.
8. Explain Widal test.
9. Define antibody. Write the functions of IgA immunoglobulin.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Name two contributions of Robert Koch in microbiology.
11. Name the four phases of bacterial growth.
12. Define antibiotic sensitivity test.
13. Define agglutination.
14. Define fumigation.
15. Define cross infection.
16. Name two sexually transmitted diseases.
17. Name three bacteria causing urinary tract infection.
18. Define immunity.
19. Name two live vaccines.

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 17-Jun-2025

Time: Three Hours | Max. Marks: 37

APPLIED ANATOMY – SECTION – A (RS-6)
Q.P. CODE: 1775

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary
(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of three hours)

LONG ESSAY — 1 x 10 = 10 Marks

1. Name muscles of gluteal region. Describe gluteus maximus in detail

SHORT ESSAYS — 3 x 5 = 15 Marks

2. Explain the structure of trachea with diagram
3. **Describe the coverings and layers of heart with diagram**
4. Enumerate about muscle spindles

Or

Describe structure of neuron with diagram

SHORT ANSWERS — 3 x 2 = 6 Marks

5. Classify compound epithelium
6. List the parts of tongue
7. Name the support structure of bladder

Multiple Choice Questions — 6 x 1 = 6 Marks

8. Raising the medial border of the foot is called
   A. Eversion
   B. Inversion
   C. Pronation
   D. Supination
9. The study of structures that can be observed with naked eye is called
   A. Gross anatomy
   B. Surface anatomy
   C. Microscopic anatomy
   D. Radiological anatomy
10. Excessive secretion of thyroid stimulating hormone leads to
   A. Addison's disease
   B. Cretinism
   C. Cushing's syndrome
   D. Grave's disease
11. The structure which is in direct contact with tympanic membrane is
   A. Incus
   B. Malleus
   C. Semicircular cells
   D. Stapes
12. The uterus layer which is sloughed off during menstruation is
   A. Endometrium
   B. Myometrium
   C. Perimetrium
   D. Serous layer
13. The cranial nerve that arises from both brain and spinal cord is
   A. Accessory nerve
   B. Hypoglossal nerve
   C. Gloss pharyngeal nerve
   D. Vagus nerve

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 17-Jun-2025

Time: Three Hours | Max. Marks: 38

APPLIED PHYSIOLOGY – SECTION – B (RS-6)

Q.P. CODE: 1776

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of 3 hours)

LONG ESSAY — 1 x 10 = 10 Marks

1. Explain the functional areas of Cerebrum

SHORT ESSAYS — 3 x 5 = 15 Marks

2. Explain the metabolism of carbohydrate

   Or

   Explain Cardiac Cycle

3. Describe the structure and functions of lymphnodes

   or

   Describe the functions of lymph nodes

4. Explain the types of pain with example

SHORT ANSWERS — 3 x 2 = 6 Marks

5. Define expiratory capacity
6. Define Cushing's syndrome
7. Write a note on micturition

Multiple Choice Questions — 7 x 1 = 7 Marks

8. The long, hollow, tubular structures attached to the cytoplasmic membrane which helps in movement of a cell is known as
   A. Cell wall
   B. Flagella
   C. Cytoplasm
   D. Hair
9. The amount of blood ejected from the heart by each contraction of ventricles is known as
   A. Stroke volume
   B. Cardiac Output
   C. Ventricular output
   D. Blood volume
10. The blood group which is known as "universal Recipient" is
   A. O
   B. A
   C. B
   D. AB
11. The hormone which regulates Blood calcium level is
   A. Parathormone
   B. Thyroxine
   C. Tri- iodothyroxine
   D. Adrenaline
12. Organ of Corti helps in
   A. Balancing
   B. Maintaining equilibrium
   C. Hearing
   D. Formation of wax
13. The first step in formation of urine is
   A. Secretion
   B. Filtration
   C. Absorption
   D. Reabssoption
14. The secretions of milk by the mammary gland is termed as
   A. Menstruation
   B. Lactation
   C. Menarche
   D. Puberty

Rajiv Gandhi University of Health Sciences, Karnataka

Semester B. Sc Nursing Degree Examination - 19-Jun-2025

Time: Three Hours | Max. Marks: 37

APPLIED SOCIOLOGY – SECTION – A (RS-6)

Q.P. CODE: 1777

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1777 and 1778 are to be answered within total duration of 3 hours)

LONG ESSAY — 1 x 10 = 10 Marks

1. Define fundamental rights. Explain the various rights of women and children

SHORT ESSAYS — 3 x 5 = 15 Marks

2. Differentiate accommodation from assimilation
3. Describe various characteristics of class system.
4. Describe the salient features of the urban community

SHORT ANSWERS — 3 x 2 = 6 Marks

5. List any FOUR features of the Protection of women from Domestic Violence Act
6. Mention any TWO differences between culture and civilization
7. Enlist any FOUR functions of family.

Multiple Choice Questions — 6 x 1 = 6 Marks

8. The positive impact of modernization is
   A. Pollution
   B. Deforestation
   C. Income disparity
   D. Enhanced medical facilities
9. A biological social unit composed of husband, wife and children is
   A. Folk
   B. Household
   C. Clan
   D. Family
10. Employees working in a hospital is an example for
    A. Voluntary group
    B. Horizontal group
    C. Mixed group
    D. Vertical group
11. A condition characterized by severe deprivation of basic human needs is called
    A. Absolute poverty
    B. Relative poverty
    C. Cyclical Poverty
    D. Collective poverty
12. Any event or period that leads to an unstable situation affecting an individual is called
    A. Crisis
    B. Calamity
    C. Misfortune
    D. Disaster
13. Clinical sociologists apply theories, methods or interventions to deal primarily with
    A. Physical issues
    B. Biological issues
    C. Social issues
    D. Medical issues

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 19-Jun-2025

Time: Three Hours Max. Marks: 38

APPLIED PSYCHOLOGY – SECTION – B (RS-6)

Q.P. CODE: 1778

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1777 and 1778 are to be answered within total duration of 3 hours)

LONG ESSAY 1 x 10 = 10 Marks

1. Define perception and explain in detail the organisation of perception.

SHORT ESSAYS 3 x 5 = 15 Marks

2. Describe the role of nurse in reducing conflicts.
3. Explain the psychology of vulnerable individual.
4. Differentiate between soft skills and hard skills in nursing.

SHORT ANSWERS 3 x 2 = 6 Marks

5. Define personality.
6. What are motives?
7. List any two professional etiquettes in nursing.

Multiple Choice Questions 7 x 1 = 7 Marks

8. The branch of psychology that deals with the maladaptive behaviour, in particular the causes, diagnosis and treatment of it is called
   A. Educational Psychology
   B. Environmental Psychology
   C. Clinical Psychology
   D. Social Psychology
9. The part of neuron which receives messages from other cells is called
   A. Soma
   B. Dendrite
   C. Axon
   D. Cell
10. The 23rd pair of chromosomes are called
    A. Autosomes
    B. Sex chromosomes
    C. Haploid chromosomes
    D. 23 Diploid Chromosomes
11. The process where individual activities are started, directed and continued towards attaining goal is called as
    A. Direction
    B. Motivation
    C. Delegation
    D. Coordination
12. An example for primary motive is
    A. Approval
    B. Achievement
    C. Security
    D. Sex
13. A psychometric test used to measure aptitude of an individual is
    A. Personality test
    B. Mental ability test
    C. Intelligence test
    D. Emotional test
14. The ability to understand and feel what the patient is going through is called as
    A. Sympathy
    B. Adaptability
    C. Empathy
    D. Acceptability

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – 12-Dec-2025

Time: Three Hours | Max. Marks: 75

NURSING FOUNDATION
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1757

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. a) Define enema.
   b) Classify types of enema.
   c) Explain the steps of enema with scientific principles.

2. a) What is steam inhalation?
   b) List down its purposes.
   c) Explain the procedure of steam inhalation.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Enumerate ethical principle of nursing.
4. Explain assessment as first step of nursing process.
5. Explain characteristics of blood pressure and factors affecting blood pressure.
6. What are the methods of health assessment? Explain in detail any one method.
7. Explain the importance of sleep and rest.
8. Discuss the role of nurse in infection control.
9. Define pain and explain factors influencing pain.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. List out four risk factors for developing illness.
11. Mention any two responsibilities of a nurse in discharge procedure.
12. Define communication.
13. Meaning of computerized documentation.
14. Name any four rubber goods used in the hospital.
15. What is suppository?
16. Mention complications of wound healing.
17. Nursing Diagnosis.
18. Vital Signs.
19. Define nursing theory.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 15-Dec-2025

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1758

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Define perception. Write the characteristic of perception. Explain the factors affecting perception.

2. Define motives. Explain different types of motives.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Explain the significance of individual differences.
4. Explain the various factors affecting learning.
5. Describe the stages of development of thinking.
6. Define coping. Describe the methods of coping with stress.
7. Describe the projective techniques of personality assessment.
8. Explain the psychological development during adolescence.
9. Discuss the strategies of promotion of mental health and prevention of mental illnesses.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. What is adolescent psychology?
11. Define superego.
12. Define personality.
13. Define denial.
14. List down the stages of grief.
15. Define sublimation.
16. Define guidance.
17. List down four characteristics of mentally healthy person.
18. What are rating scales?
19. List down the limitation of psychological tests.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Semester B. Sc Nursing Degree Examination - 16-Jun-2025

Time: Three Hours | Max. Marks: 50

APPLIED NUTRITION & DIETETICS – SECTION – A (RS-6)

Q.P. CODE: 1779

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)

LONG ESSAY — 1 x 10 = 10 Marks

1. Prepare a well-balanced diet plan for a postnatal mother

SHORT ESSAYS — 4 x 5 = 20 Marks

2. Write the signs and symptoms and nutritional management for Kwashiorkar
3. List the steps to assess childhood obesity and measures to control it
4. Elaborate the principles to be followed for safe food handling
5. Explain the objectives of nutritional assessment

SHORT ANSWERS — 6 x 2 = 12 Marks

6. List any two objectives of Vitamin A supplementation programme
7. Name any two mineral deficiency disorder
8. Name any two water soluble vitamins
9. Mention the recommended daily requirement of proteins for a normal adult
10. Define energy and mention its unit
11. List any two agencies working towards food and nutrition

Multiple Choice Questions — 8 x 1 = 8 Marks

12. The most appropriate non – energy drink is
    A. Water
    B. Milk
    C. Soft Drink
    D. Fruit juice
13. Magnesium is rich in
    A. Chicken
    B. Roasted almonds
    C. Carrot
    D. Molasses
14. The recommended iron allowance per day for a pregnant woman is
    A. 30mg
    B. 40mg
    C. 50mg
    D. 60 mg
15. Meat is a rich source of
    A. Carbohydrates
    B. Proteins
    C. Fats
    D. Vitamins
16. The modifiable risk factor associated with coronary artery disease is
    A. Age
    B. Obesity
    C. Heredity
    D. Ethnicity
17. Body Fat is measured in terms of
    A. Ratio
    B. Grams
    C. Percentage
    D. Proportion

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18. The person responsible for food safety machinery of various states of India is
    A. Food Safety Officer
    B. Food regulation and control officer
    C. Commissioner of Food Safety of State
    D. State Minister of Health & Family Welfare

19. The healthiest form of cooking is
    A. Frying
    B. Steaming
    C. Roasting
    D. Baking

RGUHS THEORY EXAMINATION-JUNE 2025

NODAL CENTRE: R V COLLEGE OF NURSING, BANGALORE

DATE:18/06/2025
SESSION: MORNING
CORRECTIONS in SUBJECT: Nursing Foundation I & II
QP CODE: 1781

Q NO.	QUESTION APPEARED AS	QUESTION CORRECTED AS	REASON FOR CORRECTION
2	Describe the sources of diagnostic errors and state the guidelines to be used in reducing errors when formulating a diagnostic statement	Describe the types of Nursing Diagnosis statements with examples. Write briefly on the errors which can occur in Nursing Diagnostic statement with suitable examples	Question Not Clear

II Semester B. Sc Nursing Degree Examination - 18-Jun-2025

Time: Three Hours Max. Marks: 75

NURSING FOUNDATION I & II (RS-6)

Q.P. CODE: 1781

(QP Contains Two Pages)

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

LONG ESSAY 2 x 15 = 30 Marks

1. Define Sleep. Describe NREM and REM sleep. Explain the factors affecting rest and sleep.

2. **Describe the types of Nursing Diagnosis statements with examples. Write briefly on the errors which can occur in Nursing Diagnostic statement with suitable examples**

SHORT ESSAYS 5 x 5 = 25 Marks

3. Explain the non-pharmacological pain-relieving measures
4. What is first aid? Explain the scope of first aid management
5. Explain the methods of data collection from the client
6. Explain the nursing management of client with urinary retention
7. Write a short note on “subcutaneous administration of medication”

SHORT ANSWERS 4 x 2 = 8 Marks

8. Explain meaning of code of ethics
9. Outline the method of disinfection of soiled linen
10. List two indications of Bland Diet
11. Define Spiritual distress

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Multiple Choice Questions 12 x 1 = 12 Marks

12. Among the following preventive levels, the true preventive level is
    A. Primary prevention
    B. Secondary prevention
    C. Tertiary prevention
    D. Focus prevention
13. The order of equipment and maintenance process in the hospital as follows:
    A. Condemnation, Inventory, Maintenance and Procurement
    B. Inventory, Condemnation, Procurement and Maintenance
    C. Maintenance, Condemnation, Procurement and Inventory
    D. Procurement, Inventory, maintenance and Condemnation
14. Hearing problem in communication is an example of
    A. Physiological barrier
    B. Psychological barrier
    C. Social barrier
    D. Environmental barrier
15. If you make a mistake in record how should it be corrected?
    A. With correction fluid
    B. Scribble it out
    C. Put a single line through the record
    D. Tell your mentor
16. Absconding refers to
    A. Patient runs away from the ward/hospital
    B. Patient discharges from hospital against medical advice
    C. Planned discharge
    D. When patient cannot afford further treatment
17. A major advantage of Magnetic Resonance Imaging (MRI) is
    A. It is inexpensive
    B. It does not use ionizing radiation
    C. It can be used for overweight/obese individuals
    D. It can be used in patients with metallic foreign bodies
18. In the process of osmosis
    A. Chloride ions follow the movement of sodium ions of a region of low concentration
    B. Sodium ions move through a semi permeable membrane
    C. Water moves from a region of low solute concentration to a region of high solute concentration
    D. Water moves from a region of high solute concentration to a region of low solute concentration
19. A patient has both hearing and visual sensory impairments which psychological nursing diagnosis will the nurse add to the care plan
    A. Impaired socialization
    B. Impaired physical mobility
    C. Risk for falls
    D. Self-care deficit
20 The following is NOT a component of Hospice care
    A. Terminal care
    B. Pain management
    C. Surgery
    D. Spiritual care
21 A nurse assesses her/his own self concept by understanding:
    A. One's thoughts, feelings, lifestyle.
    B. Unaware of own attitudes, values and expectations.
    C. Patients' values and beliefs.
    D. Organization's values and principles
22. A 12-year-old girl is admitted in the medical ward with bronchial asthma and has lots of questions about the bodily changes that she is undergoing. The nurse's response would be to educate the girl on
    A. Unwanted Pregnancy
    B. Role of Hormones
    C. Sexually transmitted diseases
    D. Choosing life partner
23. The hormone released during stress response and impairs immune activity is
    A. Estrogen
    B. Thyroid
    C. Cortisol
    D. Parathormone

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II Semester B. Sc Nursing Degree Examination - 16-Dec-2025

Time: Three Hours | Max. Marks: 50

APPLIED NUTRITION & DIETETICS – SECTION - A

Q.P. CODE: 1779

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)

LONG ESSAY — 1 x 10 = 10 Marks

1. Define Menu Planning. Write in detail the principles of menu planning.

SHORT ESSAYS — 4 x 5 = 20 Marks

2. Explain about the nursing care of patient with Protein Energy Malnutrition.
3. Write about Gomez's classification for assessment of nutritional status.
4. Enumerate the hygienic practices of food hygiene.
5. Write the advantages and disadvantages of food frequency questionnaire.

SHORT ANSWERS — 6 x 2 = 12 Marks

6. Write any two functions of carbohydrates.
7. What are essential amino acids?
8. What is Xeropthalmia?
9. Define Therapeutic diet.
10. Write about Vitamin A Prophylaxis programme.
11. List any two objectives of Integrated Child Development Service scheme.

Multiple Choice Questions — 8 x 1 = 8 Marks

12. Which of the following is an inorganic nutrient
    A. Carbohydrates
    B. Sodium
    C. Proteins
    D. Vitamins

13. Simple lipids are
    A. Triglycerides
    B. Phospholipids
    C. Glycolipids
    D. Carotenoids

14. An example for trace elements is
    A. Calcium
    B. Phosphorous
    C. Iron
    D. Copper

15. Which of the following is not a cereal?
    A. Rice
    B. Wheat
    C. Soyabean
    D. Barley

16. Oral Rehydration Therapy is advised for patients with
    A. Hypertension
    B. Stroke
    C. Constipation
    D. Diarrhoea

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17. Recommended diet for patients with high blood pressure is
    A. Low salt diet
    B. High salt diet
    C. Liquid diet
    D. Clear fluid diet

18. MMPO cover quality guidelines for
    A. Milk and milk products
    B. Fruits
    C. Meat and meat products
    D. Vegetables

19. Which of the following processes kills harmful bacteria in milk
    A. Sterilization
    B. Pasteurization
    C. Preservation
    D. Fermentation

II Semester B. Sc Nursing Degree Examination - 16-Dec-2025

Time: Three Hours Max. Marks: 25

APPLIED BIOCHEMISTRY – SECTION - B
Q.P. CODE: 1780

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary
(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)

SHORT ESSAYS 3 x 5 = 15 Marks

1. Describe briefly about the types of glucose tolerance tests (GTT).
2. Name different lipoproteins and mention their important properties and role.
3. Define plasma proteins. Explain the functions of plasma proteins.

SHORT ANSWERS 3 x 2 = 6 Marks

4. Name the bases produced by the body.
5. What are the Laboratory findings in a case of obstructive jaundice?
6. What is the clinical Significance of uric acid in our body?

Multiple Choice Questions 4 x 1 = 4 Marks

7. Enzyme that hydrolyzes sucrose is
    A. Invertase
    B. Amylase
    C. Lactase
    D. Maltase

8. Enzyme activity is commonly expressed by
    A. Ka Units
    B. Katal Units
    C. International Units
    D. Somogyi Unit

9. The normal pH of urine varies between:
    A. 2 – 4
    B. 4 – 6
    C. 6 – 8
    D. 8 – 10

10. The Helper T cells have surface antigen called
    A. CD2
    B. CD3
    C. CD4
    D. CD5

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I Year B.Sc. Nursing Degree Examination – 17-Dec-2025

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1759

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

LONG ESSAYS — 2 x 10 = 20 Marks

1. Classify the genus Mycobacterium. Explain in detail, about the morphology, laboratory diagnosis and pathogenecity of Mycobacterium tuberculosis.
2. Explain the morphology, pathogenesis, clinical symptoms, laboratory diagnosis and prophylaxis of polio virus.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Draw a neat labeled bacterial cell and describe functions f bacterial cell.
4. Define culture method. Explain any two culture methods in detail.
5. Explain the steps in gram staining with a neat labeled diagram.
6. Define sterilization. Explain sterilization by hot air oven.
7. Describe the different methods of bio-medical waste treatment in detail.
8. Explain ELISA reaction.
9. Define immunity. Explain natural passive immunity.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Define medical microbiology.
11. Define anaerobic culture media.
12. Mention any two transport media.
13. Name two bacterial exotoxins.
14. Define biomedical waste.
15. Define primary infection.
16. Name two RNA viruses.
17. Name two gram positive bacteria.
18. Name two live vaccines.
19. Define antibodies.

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II Semester B. Sc Nursing Degree Examination - 18-Dec-2025

Time: Three Hours | Max. Marks: 75

NURSING FOUNDATION I & II (RS-6)
Q.P. CODE: 1781

LONG ESSAY | 2 x 15 = 30 Marks

1. Illustrate the factors affecting body temperature with examples. Enumerate the advantages, disadvantages and contraindications of assessing temperature from various sites of body.

2. **Explain the physical examination of male and female genetalia (this question is not appropriate for II Semester students.**
   OR
   Enlist the different routes of administration of medication.Explain Intramuscular injection in detail

SHORT ESSAYS | 5 x 5 = 25 Marks

3. Explain the common causes of pain and mention the types of pain.
4. Describe the first aid management for a client with dislocation.
5. What critical thinking? Explain the levels of critical thinking in nursing.
6. Describe the types of face mask used in oxygen administration.
7. Describe the indication and contraindications of intramuscular injection.

SHORT ANSWERS | 4 x 2 = 8 Marks

8. Explain the meaning of autonomy
9. Mention two principles of barrier nursing
10. Outline four effects of neglected hygienic care
11. List four important Nursing Theories

Multiple Choice Questions | 12 x 1 = 12 Marks

12. The immunity that an individual developed as a result of infection is called as
    A. Active immunity
    B. Body's immunity
    C. Chronic immunity
    D. Passive immunity

13. In health care delivery system the medical, psychological and spiritual care where no cure is possible
    A. Ambulatory care
    B. Hospice care
    C. Primary care
    D. Tertiary care

14. Hearing problem in communication is an example of
    A. Physiological barrier
    B. Psychological barrier
    C. Social barrier
    D. Environmental barrier

15. The information that is important to be recorded in patient's medication record is
    A. Name of the prescribing doctor
    B. Time, route & dose of drug administered
    C. Initial of nurse who gave the drug
    D. Name of the pharmaceutical company

16. Discharge Planning is most successful when it is done in collaboration with
    A. Doctors and Nurses
    B. Doctor and Patient
    C. Patient and family
    D. Doctors and Health care agency

17. Rothera's test is done to determine Urine for
    A. Sugar
    B. Specific gravity
    C. Albumin
    D. Acetone

18. The hormones Aldosterone and ADH both have an important function in
    A. The activity of the buffer system
    B. Fluid balance in the body
    C. The regulation of the acid concentration
    D. Stimulation of a conscious desire for water

19. During an assessment the nurse finds the patient experiences vertigo. The sensory deficit the nurse will assess further is
    A. Balance deficit
    B. Hearing deficit
    C. Neurological deficit
    D. Visual deficit

20 When a grieving relative exhibits self destructive behaviour it is called
    A. Chronic grief
    B. Exaggerated grief
    C. Prolonged grief
    D. Intense grief

21 A patient after amputation of his leg has to be assessed for:
    A. Body image disturbance
    B. Low self awareness
    C. Identity crisis
    D. Role conflict

22. A nurse is providing patient education to an 18-year-old married female patient. A topic that would be appropriate to include is
    A. Kegel exercises
    B. Sexual development
    C. Contraceptive methods
    D. Hormonal changes

23. When the stress is severe or prolonged enough to deplete the body's resources for adaptation, the stage is referred as
    A. Stage of Alarm
    B. Stage of Resistance
    C. Stage of Exhaustion
    D. Stage of In-equilibrium