Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 06-Jan-2026

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. Describe the ventricles of heart. Write a note on blood supply of heart.

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the location and structure of ovary.
3. Explain the structure of eye ball.
4. Describe the structure of cell with a diagram.

SHORT ANSWERS **6 x 2 = 12 Marks**

5. Name the parts of digestive system.
6. Name parts of developing long bone.
7. Name the type of muscles.
8. Name the parts of male urethra.
9. Name the parts of nephron.
10. Name the meningeal coverings of brain in order.

I Year B.Sc. Nursing Degree Examination – 06-Jan-2026

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. Explain the intrinsic mechanism of blood clotting. Add a note on anti coagulants.

SHORT ESSAYS **4 x 5 = 20 Marks**

2. Describe the functional areas of Cerebrum.
3. Describe the mechanism of Carbon dioxide transport in the blood
4. Describe the digestion in mouth.
5. Explin the functions of Skin.

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

6. List any four functions of a bone.
7. What is colour blindness?
8. Name any four hormones of anterior pituitary gland.
9. Define Vasectomy.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 08-Jan-2026

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

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

2. What is Protein Energy Malnutrition (PEM)? Write note on excessive intake and deficiency symptoms of protein.
3. Define balanced diet. What are the factors you would consider while planning a diet?
4. Describe the role of minerals in the body.
5. List the national and international agencies working towards food and nutrition. Explain in detail the functions of NIN.
6. What are the factors affecting food and nutrition?

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

7. What is calorific value of fat?
8. What are the sources of potassium?
9. Define RDA.
10. What is the composition of body fluids?
11. Define Energy.

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I Year B.Sc. Nursing Degree Examination – <<>>

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. Describe the regulation of blood glucose and significance of Glucose Tolerance Test.

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

2. Explain the difference between diffusion and Osmosis.
3. Write the steps involved in Urea cycle and how it is regulated.

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

4. Enlist four functions of Ribosomes.
5. Define Essential amino acids.
6. List four functions of steroid Hormones.
7. List four Vitamins under Vitamin B
8. List four functions of Myosin.

I Semester B. Sc Nursing Degree Examination - 06-Jan-2026

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 3 hours)

LONG ESSAY **1 x 10 = 10 Marks**

1. Describe the gross anatomy of heart in detail with a neat labelled diagram

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Describe the structure of larynx
3. Classify joints and explain humerus
4. Explain the structure of cerebrum

SHORT ANSWERS **3 x 2 = 6 Marks**

5. Classify the tissues

6. Name the blood vessels supplying rectum

7. Mention the parts of kidney

Multiple Choice Questions **6 x 1 = 6 Marks**

8. The smallest bone in our body is
   A. Clavicle
   B. Stapes
   C. Nasal bone
   D. Humerus

9. The blood is a
   A. Connective tissue
   B. Epithelial tissue
   C. Muscle tissue
   D. Nervous tissue

10. Tear producing gland are
    A. Sebaceous
    B. Lacrimal
    C. Salivary Gland
    D. Adrenals

11. The organ of taste is
    A. Skin
    B. Tongue
    C. Nose
    D. Teeth

12. Middle layer of the uterus is
    A. Endometrium
    B. Perimetrium
    C. Myometrium
    D. Pericardium

13. The first cranial nerve of the body is
    A. Oculomotor
    B. Olfactory
    C. Trochlear
    D. Optic

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 06-Jan-2026

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

APPLIED PHYSIOLOGY – SECTION – B (RS-6)
Q.P. CODE: 1776

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 mechanism of synaptic transmission and properties of synapses

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the function of Gall bladder
3. Enumerate the factors influencing coronary circulation
4. Describe the mechanism of muscle contraction

SHORT ANSWERS **3 x 2 = 6 Marks**

5. Mention the air sinuses opening into middle meatus
6. List the four functions of thymus gland
7. Define Atonic Bladder

Multiple Choice Questions **7 x 1 = 7 Marks**

8. The type of intracellular connection through which the molecules move is
   A. Desmosomes
   B. Gap junction
   C. Tight junction
   D. Ion channels
9. First heart sound is produced due to the closure of
   A. Semilunar valves
   B. Mitral valve
   C. Tricuspid valve
   D. Both mitral and tricuspid valve
10. Erythropoietein is produced in
   A. Kidneys
   B. Bone marrow
   C. Spleen
   D. Lungs
11. Disturbed taste sensation is called
   A. Ageusia
   B. Dysgeusia
   C. Parosmia
   D. Anosmia
12. The number of nephrons in each kidney is
   A. One lakh
   B. One million
   C. Two million
   D. One billion

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13. The total number of parathyroid gland present in humans are
    A. 5
    B. 2
    C. 3
    D. 4
14. The process of union of male and female gametes is called
    A. Luteinisation
    B. Implantation
    C. Neutralisation
    D. Fertilization

I Semester B. Sc Nursing Degree Examination - 08-Jan-2026

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. Explain the major social problems existing in Society

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the importance of social structure in the Nursing Profession.

3. List and explain the characteristics of a rural community.

4. Explain the negative impact of caste system on health.

SHORT ANSWERS **3 x 2 = 6 Marks**

5. List any four characteristics of culture.

6. List types of family based on authority

7. Mention any four basic needs of a family.

Multiple Choice Questions **6 x 1 = 6 Marks**

8. An appropriate characteristic of culture is that
    A. Culture exists in isolation.
    B. Culture is individual.
    C. Culture is learnt.
    D. Culture is disintegrated.

9. A distinctive characteristic of a family is that
    A. Family is the center of all social organization.
    B. Few family members have a variety of statutes.
    C. There is an uniform system of naming the family.
    D. Family is an insignificant agency of social control.

10. A distinctive characteristic of a family is that
    A. Family is the center of all social organization.
    B. Few family members have a variety of statutes.
    C. There is an uniform system of naming the family.
    D. Family is an insignificant agency of social control.

11. The following are the functions of voluntary organization **EXCEPT**
    A. Motives with the pursuit of profit extended.
    B. Formation of the group is based on selection.
    C. It raises funds for its activities.
    D. Governed by its own members.

12. A de-addiction centre comes under
    A. Preliminary prevention
    B. Primary prevention
    C. Secondary prevention
    D. Tertiary prevention

13. Juvenile delinquency rate is much higher among
    A. Adults
    B. Girls
    C. Boys
    D. Elderly

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I Semester B. Sc Nursing Degree Examination – 08th Jan 2026

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

APPLIED PSYCHOLOGY – SECTION – B (RS-6)
Q.P. CODE: 1778

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. What is span of attention? Explain the factors influencing attention

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Describe the factors influencing mental health
3. Explain psychological needs and role of nurse in challenged individuals
4. Explain communication as a soft skill in nursing

SHORT ANSWERS **3 x 2 = 6 Marks**

5. List out the role of nurse in identifying personality changes among patients
6. What is hunger motive?
7. Enlist the barriers for empowering others

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Multiple Choice Questions **7 x 1 = 7 Marks**

8. The study of psychology that focuses on higher mental processes is called
   A. Parapsychology
   B. Cross cultural psychology
   C. Forensic psychology
   D. Cognitive psychology

9. Part of a neuron that receives information from other neurons is
   A. Axon
   B. Dendrites
   C. Myelin sheath
   D. Synapse

10. A significant fact about the human development is
   A. It does not follow a predictable pattern
   B. It is a product of the interaction of heredity and environment
   C. All individuals have similar rates of development
   D. Development proceeds from specific to general

11. Nursing intervention for emotional reactions include
   A. Facilitate verbalization of feelings
   B. Avoid talking with patients
   C. Being judgmental with patients
   D. Critique the patients

12. Attitude is usually measured through
   A. Checklist
   B. Interview method
   C. Rating scale
   D. Opinion scales

13. Tests that helps to measure the deficits in cognitive functioning is
   A. Interest tests
   B. Neuropsychological test
   C. Specific clinical tests
   D. Personality tests

14. Soft skill that helps in gaining knowledge, skill, values and beliefs of the profession is
   A. Problem solving
   B. Flexibility
   C. Professionalism
   D. Volume of speech

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 01-Jul-2026

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. 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. Describe the ventricles of heart. Write a note on blood supply of the heart.

SHORT ESSAYS **3 x 5 = 15 Marks**

2. **Name the muscles of Gluteal region. Describe gluteus maximus in detail**
3. Classify synovial joints with example.
4. Name the endocrine glands. Describe the pancreas.

SHORT ANSWERS **6 x 2 = 12 Marks**

5. Name any four cranial bones.
6. List any two differences between fetal and adult skull.
7. Name the meningeal coverings of brian.
8. Name the parts of respiratory system.
9. Name the parts of nephron.
10. **Name two arteries supplying the Thyroid gland**

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 01-Jul-2026

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. Describe the structure, synthesis, functions and breakdown of Haemoglobin. Add a note on Haemoglobin estimation.

SHORT ESSAYS **4 x 5 = 20 Marks**

2. Describe the neuromuscular junction.
3. Explain the physiology of Cellular Respiration.
4. Describe the functions of Pancreas.
5. Explain the renal regulation of fluid and electrolyte balance.

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

6. Define Adaptation of Eye.
7. What is a Callus?
8. Define Diabetes Mellitus.
9. Define tubectomy.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 03-Jul-2026

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 are weaning foods? Explain the principles of weaning foods. What are the advantages of breast feeding?

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

2. What are the different functions of Iron?
3. What are the various methods to control food adulteration?
4. Define lipids and explain the classification of lipids.
5. Explain the classification of foods.
6. Explain the role of nurse in mid-day meal programme.

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

7. What are the functions of Vitamin C?
8. What are complete proteins/first class proteins?
9. What causes goiter?
10. **What is the energy requirement for a pregnant woman?**
11. What is hyponatremia?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 03-Jul-2026

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. Add a note on Lactose Intolerance.

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

2. Describe about active transport mechanism with one example.
3. What are Essential fatty acids? Mention their importance and deficiency manifestations.

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

4. List down four characteristics of Eukaryotic Cells.
5. Enlist four components of Hydrolysis of Starch.
6. List down four physical properties of Simple Lipids.
7. List down the signs of deficiency of Folic Acid.
8. Define Active Immunity.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 07-Jul-2026

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. Explain the muscles of lower limb with a diagram

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Describe the structure of diaphragm with diagram
3. Explain the structure coverings of heart and explain the structure
4. Describe the motor areas of brain with a neat diagram

SHORT ANSWERS **3 x 2 = 6 Marks**

5. Explain collagen fibres
6. Mention the peritoneal folds of liver
7. Name the parts of renal tubule

Multiple Choice Questions **6 x 1 = 6 Marks**

8. The cavity that consists of lungs, trachea, and heart is
   A. Abdominal cavity
   B. Cranial cavity
   C. Pelvic cavity
   D. Thoracic cavity
9. The movement of distal end of a part of the body in a circle is
   A. Abduction
   B. Adduction
   C. Circumduction
   D. Supination
10. Deficiency of mineralocorticoids leads to
    A. Addison's Disease
    B. Cushing Syndrome
    C. Hypoparathyroidism
    D. Hypothyroidism
11. The functional unit of hearing is
    A. Auricle
    B. Semicircular canals
    C. Spiral organ
    D. Utricle
12. Tunica vaginalis is the covering of
    A. Testes
    B. Vas deferens
    C. Uterus
    D. Vagina
13. Broca's area is located in
    A. Frontal lobe
    B. Occipital lobe
    C. Parietal lobe
    D. Temporal lobe

Rajiv Gandhi University of Health Sciences, Karnataka

RGUHS THEORY EXAMINATION

July -2026

NODAL CENTRE: R V College of Nursing, Bengaluru

Date:7/07/2026 **Session: Morning Session**

CORRECTIONS

APPLIED ANATOMY – SECTION – A (RS-6)

Q.P. CODE: 1775

Scheme: BSc Nursing –RS6

Q. No	QUESTION Appeared As	QUESTION CORRECTED As	REASON FOR CORRECTIONS
3.	Explain the structure coverings of heart and explain the structure	Explain the structural coverings of the heart	Reframed the question

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I Semester B. Sc Nursing Degree Examination - 07-Jul-2026

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 functions of Sympathetic Nervous System

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the functions of Stomach
3. Explain the factors affecting venous return
4. Enumerate the functions of osteoclasts

SHORT ANSWERS **3 x 2 = 6 Marks**

5. Define Epistaxis
6. List the hormones of the posterior pituitary gland and its functions
7. State the functions of ureters

Multiple Choice Questions **7 x 1 = 7 Marks**

8. The organelle that is often known as suicidal bag is
   A. Ribosomes
   B. Lysosomes
   C. Perioxisomes
   D. Centrosome

9. The weight of the heart in women is about
   A. 350gm
   B. 325gm
   C. 450gm
   D. 225gm

10. A protein essential for Blood coagulation is
   A. Albumin
   B. Globulin
   C. Fibrinogen
   D. Plasma

11. The gland that produces follicular stimulating hormone is
   A. Thyroid gland
   B. Adrenal gland
   C. Anterior pituitary gland
   D. Posterior pituitary gland

12. Aueous humour is drained by
    A. Capillaries of the ciliary body
    B. Sinus venosus sclerae
    C. Cornea
    D. Ciliary body

13. Excess of urine formation is called as
    A. Anuria
    B. Oliguria
    C. Polyuria
    D. Haematuria

14. The average amount of blood loss during menstruation is
    A. 50 – 60 ml
    B. 150 - 160 ml
    C. 250 - 260 ml
    D. 350 – 360 ml

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 09-Jul-2026

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

APPLIED SOCIOLOGY – SECTION – A (RS-6)
Q.P. CODE: 1777

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 Prostitution. Describe preventive and control measures for prostitution in India

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the negative impact of caste system in India
3. What is personal disorganization and explain forms of personal disorganization
4. Enumerate types of socialization

SHORT ANSWERS **3 x 2 = 6 Marks**

5. What is fraternal polyandry?
6. Define cultural diversity
7. What are the personal laws in India?

Multiple Choice Questions	**6 x 1 = 6 Marks**
8.	One of the steps to control poverty by setting up of micro enterprises is A. Prime Minister Rozgar Yojna B. The immortal traffic act C. Mahila Mandals D. Black board operation
9.	According to The Hindu marriage act bridegroom has to attain the age of A. Groom 21 years and bride 18 years B. Groom 21 years and bride 16 years C. Groom 18 years and bride 21 years D. Groom 21 years and bride 21 years
10.	Among the following developmental crisis includes A. Flood B. Unemployment C. Growing old D. War
11.	Following are the examples of abuse preventing social strategies **EXCEPT** A. Beti Bachao Beti Padahao B. Annapurna scheme C. Strengthening economic support to family D. Janani Suraksha Yojana
12.	Customs are also called as A. Culture B. Values C. Mores D. Folkways
13.	According to Universal adult franchise an individual has the power to elect a government at the age of A. 16 years B. 18 years C. 20 years D. 21 years

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 09-Jul-2026

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 Thinking and explain in detail the types of thinking.

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Describe immature defense mechanism with examples.
3. Explain the cognitive development of adolescents.
4. Elaborate the barriers in interpersonal Relationship

SHORT ANSWERS **3 x 2 = 6 Marks**

5. Enumerate the types of personality disorder.
6. Enlist the external manifestations of emotional changes
7. List any TWO important features ofProfessional etiquette.

Multiple Choice Questions **7 x 1 = 7 Marks**

8. In-depth study of a person, group, or eventis
   A. Case study
   B. Introspection
   C. Experiment
   D. Observation

9. Thick band of neural fibres that connects the two hemispheres of the brain is
   A. Cortex
   B. Corpus Callosum
   C. Axon
   D. Amygdala

10. Fraternal twins are also called as
    A. Monozygotic twins
    B. Identical twins
    C. Heterozygous twins
    D. single zygote twins

11. An external stimuli that directs and energizes behaviour is
    A. Instinct
    B. Drive
    C. Incentive
    D. Arousal

12. Motivational cycle is a concept of
    A. Incentive theory
    B. Drive theory
    C. Optimal level theory
    D. Goal theory

13. A tests accuracy in measuring what it supposed to measure is termed as
    A. Reliability
    B. Validity
    C. Objectivity
    D. Standardization

14. Relationship between a nurse and patient is an example for
    A. Social relationship
    B. Interpersonal relationship
    C. Intimate relationship
    D. Therapeutic relationship

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Rajiv Gandhi University of Health Sciences, Karnataka

II Semester B. Sc Nursing Degree Examination - 01-Jul-2026

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. Explain food exchange system. Classify food exchange groups.

SHORT ESSAYS **4 x 5 = 20 Marks**

2. Explain about severe acute malnutrition (SAM).
3. Write the preventive and control measures for anaemia.
4. Explain various types of food adulteration.
5. Enumerate the advantages and disadvantages of food frequency questionnaire [FFQ].

SHORT ANSWERS **6 x 2 = 12 Marks**

6. Write any four functions of carbohydrates.
7. List four essential amino acids.
8. Enlist fat soluble vitamins.
9. Write any four principles of therapeutic diet.
10. Write about Anaemia Mukt Bharat programme.
11. Mention any two goals of National Nutritional Policy.

Multiple Choice Questions **8 x 1 = 8 Marks**

12. Which of the following is not a body building food?
    A. Milk
    B. Meat
    C. Fish
    D. Spinach
13. Poly Unsaturated Fatty Acids (PUFA) are mostly found in
    A. Vegetable oils
    B. Animal Foods
    C. Butter
    D. Ghee
14. Rich Food source of Potassium is
    A. Banana
    B. Egg
    C. Milk
    D. Fish

15. Standardization of food by the directorate of marketing and inspection of Government of India is known as
    A. PFA Standard
    B. Codex Alimentarius
    C. AGMARK Standard
    D. Bureau of Indian Standards

16. Milk is a good source of all **EXCEPT**
    A. Vitamin C
    B. Vitamin D
    C. Vitamin A
    D. Vitamin B

17. A diet which is made up of foods that are soft, not very spicy and low in fibre is called as
    A. Soft Diet
    B. Bland Diet
    C. Clear fluid Diet
    D. Liquid Diet

18. The richest source of plant protein is
    A. Peas
    B. Wheat
    C. Soyabean
    D. Lentils

19. The method used for cooking food uncovered without liquid or fat is
    A. Moist heat cooking
    B. Deep frying
    C. Dry heat cooking
    D. Pressure cooking

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Rajiv Gandhi University of Health Sciences, Karnataka

II Semester B. Sc Nursing Degree Examination - 01-Jul-2026

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. Write the indications and procedure of Glucose Tolerance test
2. Define simple lipids and mention their functions. Differentiate between fats and oils
3. **Define various levels of protein structure and differentiate them with examples**
   OR
   Classify amino acids based on nutrition, metabolic rate with examples

SHORT ANSWERS **3 x 2 = 6 Marks**

4. Write the definition and normal value of pH
5. What is Obstructive Jaundice?
6. **List the tests for renal tubular functions**

Multiple Choice Questions **4 x 1 = 4 Marks**

7. The fasting plasma level of glucose for diagnosis of diabetes mellitus should be:
   A. Less than 60 mg%
   B. 80-100 mg%
   C. 140-200 mg%
   D. More than 180 mg%

8. Co-Enzymes act as carriers of
   A. Electrons
   B. Protons
   C. Neutrons
   D. All of the above

9. Buffer is a solution of:
   A. Weak acid and strong base
   B. Strong acid and week base
   C. Strong acid and strong base
   D. Weak acid and weak base

10. The antibody found in breast milk is
    A. IgA
    B. IgM
    C. IgD
    D. IgE

Rajiv Gandhi University of Health Sciences, Karnataka

II Semester B. Sc Nursing Degree Examination - 03-Jul-2026

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 Pulse and its characteristics. Explain the factors affecting the pulse rate.

2. Describe the physical assessment of thorax and lungs.

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

3. Describe the Rigor and its management.

4. Describe the first aid management for a client with honey bee stings

5. Explain the responsibilities of nurse in health assessment.

6. Explain the various coughing techniques to clear the airway.

7. Explain the nurses' responsibility during nebulization procedure.

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

8. What is the meaning of accountability?

9. Give any two differences between Active & Passive Immunity

10. List any four food items to be avoided in fat restricted diet.

11. Brief the importance of Transcultural nursing

Multiple Choice Questions **12 x 1 = 12 Marks**

12. The variables influencing patient's health beliefs and practices
    A. Internal variables and External variables
    B. External variables and Political variables
    C. Situational variables and internal variables
    D. Political variables and internal variables

13. Hospice care is designed to give supportive care to people in the final phase of
    A. Acute illness
    B. Chronic illness
    C. Systemic illness
    D. Terminal illness

14. One of the methods to terminate nurse patient relationship includes
    A. Increase the intensity of interaction
    B. Setting goals
    C. Summarize the process
    D. Organized Data Gathering

15. The data base on admission in a patients Health Record includes all of the following **EXCEPT**
    A. History
    B. Physical assessment findings
    C. Nursing interventions
    D. Lab findings

16. When a person is transferred from one institution to another for care, it is termed as
    A. Discharge
    B. Rehabilitation
    C. Step down
    D. Referral

17. Higher than normal levels of Alkaline Phosphatase is indicative of
    A. Anemia
    B. Renal Damage
    C. Liver Damage
    D. Blood Infection

18. The following are important electrolyte in body to maintain the homeostasis
    A. Na^+, Cl^- , K^+
    B. CO_3^-, NH_4, K^+
    C. HCO_3^-, Zn^+ , Mg^{2+}
    D. Cu^+ , Cl^- , Na^+

19. Which of the following approaches best facilitates communication to client with bilateral hearing loss wears a hearing aid in left ear.
    A. Face the client when speaking; demonstrate ideas you wish to convey
    B. Keep your arms at your side; speak directly into the client's left ear.
    C. Position the client so the light is on his/her face when speaking
    D. Talk to the client at a distance so that client can read your lips.

20 When a daughter grieves over the impending death of her terminally ill father it is called
    A. Normal grief
    B. Anticipatory grief
    C. Complicated grief
    D. Exaggerated grief

21 Self image is the idea of
    A. Comfort level of self with others
    B. One's abilities, appearance & personality
    C. Friends comfort level with self
    D. How important self is

22. Sexuality Individuals explore their primary sexual orientation in
    A. Preschool Age
    B. School Age
    C. Adolescence
    D. Young Adulthood

23. The event or situation causing the stress is termed as
    A. Appraisal
    B. Adaptation
    C. Coping
    D. Stressor

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