Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 10-Jan-2024

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. Name the parts of digestive system and describe the stomach in detail.

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

2. Explain in detail classification of connective tissue.
3. Classify nervous system and write a note on Neurons
4. Describe uterus and its ligaments.

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

5. Name the bones of lower limb.
6. Name the Carpal Bones
7. Name the parts of brainstem.
8. Name the bones forming nasal septum.
9. Name the different lobes of liver.
10. Name the parts of Male urethra.

I Year B.Sc. Nursing Degree Examination – 10-Jan-2024

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 conducting system of heart with a neat labelled diagram.

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

2. Illustrate the mechanism of reflex action through a reflex **arc.**
3. Define Vital Capacity and explain the factors influencing it**.**
4. Describe the digestion of carbohydrates.
5. Explain the functions of Nephrons.

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

6. Define osteoarthritis.
7. What is Deafness?
8. List any four endocrine gland.
9. List any four family planning methods.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 08-Jan-2024

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 Therapeutic diet? Plan a menu for a diabetic person.

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

2. Explain the methods of storage of foods.
3. Define lipids. Explain the classification of lipids.
4. Explain in detail the methods of imparting nutrition education.
5. Explain the functions and sources of Iron.
6. Explain the National nutritional policy.

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

7. What is Kwashiorkor?
8. What are the deficiency symptoms of vitamin C?
9. Define BMI.
10. What are the types of electrolytes?
11. What are fat soluble vitamins?

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I Year B.Sc. Nursing Degree Examination – 08.01.2024

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 in detail the Hexose Monophosphate Pathway. Mention the significance of HMP pathway.

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

2. Explain the regulation of acid-base balance in the body.
3. Explain Electrophoresis and their significance.

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

4. List out four functions of Plasma membrane.
5. List out four examples of Polysaccharides.
6. Define Micelles.
7. Write down two functions of Vitamin A.
8. Enlist the functions of Elastin.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – 12-Jan-2024

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. Mention the types of bed making.
   b. Explain preparation of post operative bed in detail.
2. a. Explain the routes and purposes of parenteral therapies.
   b. Discuss nurse's responsibility in IV infusion.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain the functions of nurse.
4. Explain the types and sources of data collection.
5. Explain characteristics and factors affecting Pulse.
6. Explain the preparation of patient unit for physical examination.
7. Explain complications of neglected oral hygiene.
8. Explain the chain of Infection transmission.
9. Describe care of unconscious patient.

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

10. Define illness.
11. Define abscond.
12. Enlist the levels of communication.
13. What is incidental report?
14. What is the meaning of indent?
15. Define nosocomial infection.
16. What is suppository?
17. List the types of wounds.
18. Define grief.
19. What is conceptual model?

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 16-Jan-2024

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 attention. Write classification of attention. Briefly explain the determinants of attention.
2. Explain the theories of motivation.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain the role of heredity and environment in behaviour development.
4. Explain the factors affecting perception.
5. Explain the nature and types of learning.
6. Briefly explain motivation cycle.
7. Discuss Freud's theory of psychosexual development.
8. Discuss the psychological needs of women.
9. Describe the characteristics of mentally healthy person.

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

10. Define psychology.
11. Define Id.
12. What do you mean by Introverts?
13. Define grief.
14. List down the stages of development.
15. Define mental health.
16. What is assertiveness?
17. Define guidance.
18. List down the limitation of psychological tests.
19. What is achievement test?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 18-Jan-2024

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, pathogenicity and prophylaxis of Vibrio cholera.
2. Classify the genus Mycobacterium. Explain in detail about the morphology and cultural characteristics, laboratory diagnosis, pathogenicity and prophylaxis of Mycobacterium tuberculosis.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Define culture method. Explain any two methods in detail.
4. Explain Bacterial growth curve.
5. Explain **different** culture media
6. Define sterilization. Explain sterilization by radiation.
7. Define nosocomial infection. Explain urinary tract infection in detail.
8. Define antibody. Write the functions of IgM immunoglobulin.
9. Define hypersensitivity reactions. Explain type IV hypersensitivity reactions.

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

10. Name two contributions of Joseph Lister
11. Give two examples of Gram-positive cocci.
12. Give two examples of Aerobic **bacteria**.
13. Define antiseptic.
14. Define contagious disease.
15. Define Primary infection.
16. Mention the use of TAB vaccine.
17. Name two DNA viruses.
18. Name three diseases caused by Clostridium.
19. Name two diseases caused by spirochetes.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 12-Jan-2024

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 structure of circle of Willis with neat diagram.

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

2. Explain about Thoracic duct.
3. Explain the structure of Biceps Brachii muscle.
4. Describe neuromuscular junction with a neat labelled diagram.

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

5. List the properties of muscle
6. Name the muscles of pharynx
7. Draw the diagram of gross structure of kidney

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

8. The neck is referred to as
   A. Cervical region
   B. Gluteal region
   C. Lumbar region
   D. Pelvic region
9. Raising the lateral border of the foot is
   A. Eversion
   B. Inversion
   C. Pronation
   D. Supination
10. The hormone which increases the water reabsorption and produces concentrated urine is
    A. ADH (Antidiuretic hormone)
    B. ACTH (Adrenocorticotropic hormone)
    C. FSH (Follicular stimulating hormone
    D. Somatotropic hormone
11. Semicircular cells are present in
    A. Cochlea
    B. Internal ear
    C. Middle ear
    D. Outer ear
12. Cervix is supplied by
    A. Pelvic splanchnic nerve
    B. Pudendal nerve
    C. Lumbar 5
    D. Sacral nerve
13. Lateral corticospinal tract terminates at
    A. Anterior horn cells of spinal cord
    B. Clarke's column
    C. Substantia gelatinosa
    D. Lateral nucleus of thalamus

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 12-Jan-2024

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. Describe Neuroglia and its functions.

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

2. Explain the metabolism of fat
3. Enumerate the functions of thymus gland
4. Describe the functions of arm muscles

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

5. Define sinusitis
6. Mention the function of Antidiuretic Hormone
7. State the role of kidney in water balance

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

8. The watery fluid that is present inside the cell is
   A. Plasma
   B. Cytosol
   C. Blood
   D. Serum

9. In a healthy adult the cardiac output at rest is
   A. 2.5 ltr/mt
   B. 5 lit/mt
   C. 7.5 ltr/mt
   D. 10 ltrs/ mt

10. The process of blood cell formation takes place in
    A. Red bone marrow
    B. Yellow bone marrow
    C. Matrix of the bone tissue
    D. Plasma

11. The hypo activity of growth hormone leads to
    A. Goitre
    B. Dwarfism
    C. Gigantism
    D. Cretinism

12. Sense of smell is perceived by
    A. Pituitary
    B. Hypothalamus
    C. Olfactory lobe
    D. Cerebrum

13. Urine is clear and amber in colour due to presence of
    A. Creatitine
    B. Urolin
    C. Urobilin
    D. Rennin

14. The lactiferous duct is present in
    A. Uterus
    B. Breast
    C. Testis
    D. vestibule

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 16-Jan-2024

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. List various social problems in India. Explain the role of nurse in reducing social problems and enhance coping

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

2. Differentiate between primary and secondary groups
3. Explain functions of social stratification
4. Enumerate difference between rural and urban community

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

5. Enlist types of family
6. List any four divorce rules in India
7. Enumerate the problems with transculturalism

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

8. A marriage in which a man is married to two or more sisters is referred as
   A. Monogamy
   B. Polygyny
   C. Polyandry
   D. Sororal polygyny
9. Other term for multigenerational family is
   A. Joint Family
   B. Nuclear family
   C. Extended Family
   D. Single family
10. Harassment is an example of
   A. Physical abuse
   B. Social abuse
   C. Psychological abuse
   D. Financial abuse
11. Indian Red Cross Society was established in the year
   A. 1962
   B. 1978
   C. 1985
   D. 1920
12. Main goal of crisis intervention is
   A. Socio- physical stability
   B. Socio- emotional stability
   C. Socio- cultural stability
   D. Socio- economical stability
13. Social norms are referred as
   A. All types of behavior in a society
   B. Rules that deals with acceptable and appropriate behavior within a culture
   C. Right type of behavior
   D. Those standards which specify appropriate and inappropriate behavior

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 30-Apr-2024

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. Write a note on blood supply to the heart

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

2. Describe the nasal cavity and its applied anatomy
3. Explain about Deltoid muscle
4. Describe the cerebral hemisphere

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

5. Draw the diagram of simple cuboidal epithelium
6. Describe the structure of anal canal
7. Define Bowman's capsule

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

8. The pelvic region forms the
   A. Lower portion of abdomen
   B. Lower portion of thorax
   C. Upper portion of abdomen
   D. Upper portion of thorax
9. The centre of the backside of the abdomen is called
   A. Gluteal region
   B. Lumbar region
   C. Pelvic region
   D. Sacral region
10. Excessive secretion of glucocorticoids is
   A. Addisons disease
   B. Goiter
   C. Cushing syndrome
   D. Pheochromocytoma
11. Number of extrinsic muscles involved in the movement of eyeball are
   A. 03
   B. 05
   C. 07
   D. 09
12. The copulatory organ of female is
   A. Ovaries
   B. Uterine tubes
   C. Uterus
   D. Vagina
13. Cerebrospinal fluid in each ventricle is produced by
   A. Arachnoid granulation
   B. Arachnoid villus
   C. Choroid Plexus
   D. Diaphragmasellae

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination – 30th April 2024

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. Describe the digestion in mouth.

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

2. Explain the hepatic portal system

   Or

   Explain the functions of liver

3. **Describe the movements of pelvic girdle and explain the functions of pelvis**
4. Elaborate parasympathetic nervous system

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

5. Define Bronchiectasis
6. Define Gigantism
7. Enlist any four abnormal constituents of urine

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

8. The process of 'cell eating' is termed as
   A. Pinocytosis
   B. Phagocytosis
   C. Exocytosis
   D. Epicytosis
9. The difference between systolic & diastolic blood pressure is
   A. Arterial Pressure
   B. Hydrostatic pressure
   C. Pulse pressure
   D. Osmotic pressure
10. Hemolysis is the process of
    A. Destruction of all blood cells
    B. Destruction of RBC
    C. Destruction of WBC
    D. Destruction of platelets
11. Glucocorticoids is produced by
    A. Adrenal cortex
    B. Parathyroid gland
    C. Adrenal medulla
    D. Pancreatic Islets
12. The layer of the skin that provides elasticity and pliability is
    A. Stratum lucidum
    B. Stratum germinativum
    C. Dermis
    D. Epidermis
13. Urinary excretion of sodium is regulated by
    A. Anterior pituitary
    B. Posterior pituitary
    C. Adrenal cortex
    D. Adrenal medulla
14. The process of cell division in reproductive cell is
    A. Mitosis
    B. Meiosis
    C. Mutation
    D. Replication

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination – 30th April 2024

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. Describe the digestion in mouth.

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

2. Explain the hepatic portal system

   Or

   Explain the functions of liver

3. **Describe the movements of pelvic girdle and explain the functions of pelvis**
4. Elaborate parasympathetic nervous system

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

5. Define Bronchiectasis
6. Define Gigantism
7. Enlist any four abnormal constituents of urine

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

8. The process of 'cell eating' is termed as
   E. Pinocytosis
   F. Phagocytosis
   G. Exocytosis
   H. Epicytosis

9. The difference between systolic & diastolic blood pressure is
   E. Arterial Pressure
   F. Hydrostatic pressure
   G. Pulse pressure
   H. Osmotic pressure

10. Hemolysis is the process of
    E. Destruction of all blood cells
    F. Destruction of RBC
    G. Destruction of WBC
    H. Destruction of platelets

11. Glucocorticoids is produced by
    E. Adrenal cortex
    F. Parathyroid gland
    G. Adrenal medulla
    H. Pancreatic Islets

12. The layer of the skin that provides elasticity and pliability is
    E. Stratum lucidum
    F. Stratum germinativum
    G. Dermis
    H. Epidermis

13. Urinary excretion of sodium is regulated by
    E. Anterior pituitary
    F. Posterior pituitary
    G. Adrenal cortex
    H. Adrenal medulla

14. The process of cell division in reproductive cell is
    E. Mitosis
    F. Meiosis
    G. Mutation
    H. Replication

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 02-May-2024

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 social problems. Describe the causes and the preventive measures of major social problems in India.

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

2. **Explain various types of disorganization**

3. Describe the causes and characteristics of conflict

4. Tabulate the positive and negative impact of Caste in Society

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

5. Enlist any FOUR characteristics of trans cultural society.

6. Enlist any FOUR advantages of monogamy.

7. List any FOUR marriage laws in India.

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

8. Culture includes all dimensions, **EXCEPT**
   A. Normative
   B. Cognitive
   C. Material
   D. Physical

9. The family that includes cousins, aunts, and uncles is called
   A. Nuclear family
   B. Joint family
   C. Extended family
   D. Blended family

10. The criminal offense committed by the children is
    A. Child abuse
    B. Child labour
    C. Juvenile delinquency
    D. Juvenile labour

11. Elderly, women and children belong to
    A. Vulnerable group
    B. Minority group
    C. Voluntary group
    D. Special group

12. The process of crisis intervention begins with
    A. Defining the problem
    B. Ensuring client safety
    C. Providing support
    D. Examining alternatives

13. Society in Sociology refers to a network of
    A. Emotional relationships
    B. Social relationship
    C. Physiological relationship
    D. All of the above

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination – 02 May 2024

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 learning. Explain the factors influencing learning

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

2. **Describe defense mechanisms with appropriate examples**
3. Explain social development of early childhood.
4. Elaborate the strategies to overcome barriers in Interpersonal Relationships.

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

5. List out the characteristics of dependent personality disorder.
6. What is goal directed behaviour?
7. Enlist the Professional etiquettes in nursing.

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

8. The method of psychology that helps to collect large amount of data in a short period of time is
   A. Introspection method
   B. Observation method
   C. Experimental method
   D. Survey method
9. Gama Amino Butyric Acid is a
   A. Amino Acid
   B. Trace Amines
   C. Monoamines
   D. Peptides
10. The genetic makeup of an individual inherited from the parents is
    A. Phenotype
    B. Genotype
    C. Temperament
    D. Trait
11. **A drive towards excellence is**
    A.Physiological motivation
    B.Achievement motivation
    C.Unconscious motivation
    D.Social motivation
    A.
12. The first stage in motivational cycle is
    A. Goal directed behaviour
    B. Drive
    C. Relief
    D. Goal
13. A test that has a fixed time limit is
    A. Speed test
    B. Power test
    C. Performance test
    D. Achievement test
14. Understanding of patient experience from his perspective is
    A. Sympathy
    B. Adaptability
    C. Empathy
    D. Acceptability

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 25-Jun-2024

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. Define Therapeutic diet plan a menu for a 30 year old man diagnosed with Diabetes Mellitus.

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

2. Explain the National Nutritional Policy.
3. Explain the digestion, absorption and metabolism of proteins.
4. Mention the functions of Iron.
5. Mention the various food storage methods.
6. What are the various ways to assess nutritional status?

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

7. Define Emulsification.
8. List the sources of Carbohydrates.
9. What is the measurement of Energy?
10. Define Night Blindness.
11. What is Electrolyte Imbalance?

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

7. Define Emulsification.
8. List the sources of Carbohydrates.
9. What is the measurement of Energy?
10. Define Night Blindness.
11. What is Electrolyte Imbalance?

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I Year B.Sc. Nursing Degree Examination – 27 June 2024

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. Name the chambers of Heart with a brief detail of each chamber and the walls in between them.

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

2. Explain in detail classification of connective tissue.
3. Classify nervous system and write a note on Neurones.
4. Describe Nephron in detail.

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

5. Define the two types of Skeleton.
6. Name the muscles of Mastication.
7. Name the ventricles of Brain.

8. Name three layers of wall of Blood vessels.
9. Name different lobes of Liver.
10. Name the parts of Thyroid gland.

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I Year B.Sc. Nursing Degree Examination – 27 June, 2024

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. Define cardiac output. Describe the regulation of cardiac output. Draw and explain a normal ECG curve.

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

2. Discuss the functions of Spinal Nerves.
3. Explain the exchange of gases between alveoli and blood.
4. Explain the functions of stomach.
5. Describe the micturition reflex.

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

6. Define fracture.
7. What is Hypermetropia?
8. What is Myxederma?
9. What is Spermatogenesis?

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I Year B.Sc. Nursing Degree Examination – 27 June, 2024

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

1. **Define Cardiac Output.Describe the regulation of Cardiac Output.Explain factors influencing Blood Pressure**
8. **What is Myxedema?**

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 25-Jun-2024

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. Define Therapeutic diet plan a menu for a 30 year old man diagnosed with Diabetes Mellitus.

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

2. Explain the National Nutritional Policy.
3. Explain the digestion, absorption and metabolism of proteins.
4. Mention the functions of Iron.
5. Mention the various food storage methods.
6. What are the various ways to assess nutritional status?

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

7. Define Emulsification.
8. List the sources of Carbohydrates.
9. What is the measurement of Energy?
10. Define Night Blindness.
11. What is Electrolyte Imbalance?

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I Year B.Sc. Nursing Degree Examination – 25 June 25, 2024

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. Define carbohydrates. List the classification of carbohydrates and explain Monosaccharides in detail.

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

2. Classify and describe the types of diffusion.
3. Explain digestion and absorption of proteins in the body.

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

4. List four functions of mitochondria.
5. **Define Glycogenolysis**
6. List four functions of Bilirubin.
7. List four signs of deficiency of Vitamin B
8. List four functions of Keratin.

I year B.Sc. Nursing Degree Examination – 01-Jul-2024

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

NURSING FOUNDATION
(RS-2, RS-3, RS-4 & RS-5)

Rajiv Gandhi University of Health Sciences, Karnataka

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 bedsore
   b) what are causes of bedsore
   c) explain the nursing management of patients with bedsore

2. a) What is the meaning of IM Injection
   b) Explain the various sites of IM Injection
   c) Explain the steps in administration of IM Injection

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain the functions of Nurse.
4. Explain assessment as first step of nursing process.
5. Define pyrexia. Explain nursing care of client with pyrexia.
6. Explain the **purposes** of health assessment.
7. Describe the role of nurse in providing safe and clean environment.
8. Describe universal precautions. Discuss universal precautions practiced at hospital.
9. Discuss on nursing measures for management of Pain.

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

10. Define Health.
11. Expand LAMA.
12. Define communication.
13. State four guidelines for recording.
14. Distinguish between disposable and re-usable articles.
15. List down types of hospital waste.
16. What is topical administration of medication?
17. Enlist stages of wound healing process.
18. State the clinical signs of death.
19. Mention **the concepts** of theories in nursing.

I year B.Sc. Nursing Degree Examination – 01-Jul-2024
NURSING FOUNDATION
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1757

CORRECTIONS

6. Explain the **purposes** of health assessment.
19. Mention **the concepts** of theories in nursing.

I Year B.Sc. Nursing Degree Examination – 03-Jul-2024

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

Rajiv Gandhi University of Health Sciences, Karnataka

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 learning. Explain Pavlov's classical conditioning theory of learning.
2. How does frustration and conflict cause stress? Briefly discuss the types of conflict.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain the body and mind relationship.
4. Explain the various types of perceptual illusions.
5. Explain the classification of memory with examples.
6. Briefly describe attitudinal change.
7. What are projective tests? Explain the role of nurse in personality assessment.
8. Discuss the psychological needs and role of nurse in infancy.
9. Discuss the role of nurse in primary prevention of mental illnesses.

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

10. What is educational psychology?
11. Define personality.
12. List down four characteristics of extroverts.
13. What are vulnerable groups?
14. List down the stages of development.
15. List any four characteristics of mental illness.
16. Define defence mechanisms.
17. Define guidance and counseling.
18. Define reliability.
19. List down the characteristics of psychological tests.

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I Year B.Sc. Nursing Degree Examination – 05-Jul-2024

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, pathogenicity, laboratory diagnosis and prophylaxis of corynebacterium diphtheriae.

2. Classify the genus salmonella. Explain in detail the morphology, cultural characteristics, pathogenicity, laboratory diagnosis, and prophylaxis of Enteric fever.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Draw a neat labeled bacterial cell. Explain bacterial capsule.
4. Gram staining method
5. Explain enriched media.
6. Define sterilization. Explain the principles and working of autoclave.
7. Define biomedical waste. Describe the different methods of biomedical waste treatment.
8. Explain ELISA reaction.
9. Define hypersensitivity. Explain type I Anaphylactic reaction in detail.

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

10. Name two contribution of Robert Koch in microbiology.
11. Name two bacterial exotoxins.
12. Define negative staining.
13. Give two examples of biological vectors.
14. Name the specific test done for Enteric fever.
15. Name two acid fast bacteria.
16. Define immunity.
17. Mention two uses of ELISA test.
18. Define antibodies.
19. Mention four types of immunoglobulin.

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I Year B.Sc. Nursing Degree Examination – 16-Dec-2024

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 respiratory tract and describe lungs in detail with applied aspects.

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

2. Classify connective tissue.
3. Mention the parts of female reproductive system and explain in detail ovary.
4. Name the location, surfaces, borders, blood supply and applied anatomy of liver.

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

5. Name the layers of the eye ball.
6. Name the parts of hip bone.
7. Mention the differences between skeletal and smooth muscle.
8. Name the endocrine glands.
9. Name the parts of central nervous system.
10. Name the ligaments of uterus.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination –16-Dec-2024 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. Describe the location, parts, blood supply and nerve supply of stomach.
2. Draw the internal structure of heart and explain the chambers of heart.
3. List the parts of Renal system and explain structure of Kidney. Add a note on the blood supply to the Kidney.

SHORT ESSAYS **8 x 5 = 40 Marks**

4. Classify simple epithelium and write briefly on each.
5. Describe trapezius muscle.
6. Explain the structure of Mandible.
7. Describe shoulder joint.
8. Explain the structure of skin.
9. Describe the location and structure of utreus.
10. Name the lobes of the liver and write its blood supply.
11. Explain the structure of Testis.

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

12. Define anatomical position.
13. Name any four muscles of pharynx.
14. Name any four tarsal bones.
15 Write any two differences between and right and left lung.
16. Name the hamstring muscles.
17. Name any two exocrine and endocrine glands.
18. Name the parts of fallopian tube.
19. Name the major salivary glands.
20. Name the contents of cubital fossa.
21. Draw a labeled diagram of eye.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 16-Dec-2024

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
(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 composition and functions of Blood. Add a note on Plasma proteins.

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

2. Describe the functions of hypothalamus.
3. Explain the exchange of gases between blood and Alveoli.
4. Explain the movements of the Gastro-intestinal tract.
5. Describe the functions of Kidney.

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

6. Define Osteoarthritis.
7. Define Accommodation of eye.
8. What is Fight or Flight Response?
9. Define Infertility.

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I Year B.Sc. Nursing Degree Examination – 18-Dec-2024

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. Define balanced diet. What are the factors you would consider while planning a diet?

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

2. List the sources and functions of carbohydrates.
3. Explain the nutritional problems of India.
4. Explain the sources, functions, and requirement of calcium. Add a note on factors affecting calcium absorption.
5. Explain the various methods of cooking with examples.
6. What is the role of nurse in nutrition education?

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

7. What is calorific value of fat?
8. Define BMR.
9. List the dietary sources of Iron.
10. Define intracellular fluid.
11. What are essential amino acids?

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc. (Nursing - Basic) Degree Examination – 18-Dec-2024

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

PHYSIOLOGY (RS)
Q.P. Code: 1677

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

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

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

1. Define cardiac output. Explain the regulation of cardiac output
2. Describe Rh blood grouping system and the consequences of Rh incompatibility

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

3. Explain the suding filament theory of muscle contraction
4. Explain the mechanics of respiration
5. Briefly explain juxta glomerular apparatus and its functions
6. Enumerate the functions of cerebellum
7. Describe spermatogenesis

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

8. List the functions of endoplasmic reticulum
9. Define deglutition
10. Acromegaly
11. Referred pain
12. myopia

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I Year B.Sc. Nursing Degree Examination – 18-12-2024

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 process of glycolysis. Explain how many ATP molecules are formed in anaerobic and aerobic glycolysis.

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

2. Explain Active & Passive Transport Mechanism with labelled diagram.
3. Write down the steps involved in Urea cycle and how it is regulated. What is the normal blood urea in an adult?

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

4. List out four functions of Golgi bodies.
5. Define Fructosuria.
6. Write down two functions of Bile Salts.
7. List out four signs of Deficiencies of Vitamin Niacin
8. Write four functions of Collagen.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – 20-Dec-2024

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. What is the meaning of nasogastric tube feeding?
   b. Explain the steps of nasogastric tube feeding.
2. a. Describe various forms of medication.
   b. Explain the purposes and principles of oral medication.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Justify nursing as a profession.
4. Differentiate between medical & nursing diagnosis with examples
5. Explain characteristics and factors affecting Blood Pressure.
6. Discuss the significance of history collection in health assessment.
7. Discuss the role of nurse in prevention of Decubitus ulcer.
8. Define Universal Precautions. Discuss universal precautions practiced at hospital.
9. Describe nursing measures for urinary retention.

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

10. List out four risk factors for developing illness.
11. List down the types of discharge.
12. Enlist types of communication.
13. State four guidelines for reporting.
14. Mention types of equipments.
15. Define medical asepsis.
16. Expand-tid,q8h,qid,prn.
17. Mention types of bandages.
18. What is autopsy?
19. Mention any two uses of theories in nursing practice.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – 18-Dec-2024

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

BIOCHEMISTRY (RS)
Q.P. Code: 1678

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

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

1. Explain the sources, functions and deficiencies of Vitamin D.
2. Define diabetes mellitus. Write about regulation of blood glucose level in human body.

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

3. Write in detail the biosynthesis cholesterol.
4. Metabolic acedosis.
5. S. J singer and Garth L. Nicolson contribution.
6. Write a note on polysaccharides.
7. Essential amino acids.

SHORT ANSWERS (Answer all) **5 x 2 = 10 Marks**

8. Coenzymes.
9. Functions of Vitamin K.
10. Beriberi.
11. Steroid hormones.
12. Krebs.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 16-Dec-2024

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. Describe the factors regulating cardiac output
   Or
   Describe the structure of heart

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

2. Name the parts of respiratory tract and describe lungs in detail with diagram
3. Describe the Trapezius muscle
4. Explain about Trochlear nerve

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

5. Enumerate macrophages
6. Draw the diagram of stomach and label it
7. Enlist the layers of urinary bladder

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

8. The cranial cavity comprises
   A. Abdomen
   B. Brain
   C. Pelvis
   D. Vertebra
9. The back of the hand is referred as
   A. Digits
   B. Dorsum
   C. Palm
   D. Thigh
10. Prolactin hormone is secreted by
    A. Corticotrophs
    B. Gonadotrophs
    C. Luteotrophs
    D. Mammotrophs
11. Auditory tube is also known as
    A. Eustachian tube
    B. External ear
    C. Inner ear
    D. Middle ear
12. Normal position of uterus is
    A. Anteverted & anteflexed
    B. Anteverted & retroflexed
    C. Retroflexed & anteflexed
    D. Retroverted & retroflexed
13. The total volume of cerebrospinal fluid is
    A. 50 ml
    B. 100 ml
    C. 150 ml
    D. 200 ml

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 16-Dec-2024

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. Describe the movements of the gastrointestinal tract and explain the phases of secretion of Gastric juice

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

2. Classify the leukocytes and explain the functions of Leukocytes
3. State the functions of skeleton
4. Describe the functions of autonomic nervous system

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

5. List down the factors affecting diffusion of gases
6. Enlist any four functions of Cortisol
7. State the hormones that regulate the glomerular filtration rate

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

8. The tiny granules composed of RNA & protein is
   A. Nucleus
   B. Lysosomes
   C. Ribosomes
   D. Mitochondria

9. The first heart sound LUB is heard during the closure of
   A. Aortic valve
   B. Semilunar vlave
   C. Pulmonary valve
   D. Atrio ventricular valve

10. The clear, straw coloured fluid portion of the blood which represents 55% of the total blood volume is called
    A. Cells
    B. Plasma
    C. Platelets
    D. Serum

11. Endocrine gland is otherwise called as
    A. Ducted gland
    B. Ductless gland
    C. Enzyme
    D. Hormone
12. The secretions of sebaceous gland is called
    A. Keratin
    B. Melanin
    C. Sebum
    D. Bile

13. The three orifices in the urinary bladder wall form a triangle known as
    A. Trigone
    B. Trisomy
    C. Urethral orifice
    D. Ureter opening

14. The male reproductive cell, spermatozoa is produced from
    A. Testis
    B. Scortum
    C. Fallopian tubes
    D. Ovary

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 18-Dec-2024

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 social disorganization. Describe the causes and types of social disorganization

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

2. Outline the process of social change
3. Explain different forms of social processes
4. Enumerate the characteristics of the Indian Caste System

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

5. List any FOUR positive impacts of culture on health
6. Differentiate extended family from joint family
7. List any FOUR features of Hindu Marriage act

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

8. Language is the chief vehicle that transmits
   A. Culture
   B. Class
   C. Clan
   D. Heredity

9. A marriage in which one woman marries more than one man at a given time is
   A. Polyandry
   B. Polygamy
   C. Exogamy
   D. Endogamy

10. Law, education, and force are formal means of
    A. Social change
    B. Social control
    C. Social stratification
    D. Social class

11. Child labour is the employment of a child less than
    A. 18 years
    B. 16 years
    C. 14 years
    D. 12 years

12. The process of crisis intervention ends with
    A. Defining the problem
    B. Making plans
    C. Providing support
    D. Examining alternatives

13. Clinical Sociology is
    A. Natural science
    B. General science
    C. Applied science
    D. Concrete science

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 18-Dec-2024

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 memory and explain the theories of forgetting.

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

2. Explain any one defense mechanism and its implication.
3. Describe the psychological need of a sick person.
4. What are the barriers of interpersonal relationship?

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

5. What are two major causes for alteration in personality?
6. List the components of motivation cycle.
7. List any two aspects of professional etiquette.

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

8. A method of psychology where detailed information is obtained through in-depth study of a particular individual is called
   A. Observational method
   B. Correlational method
   C. Experimental method
   D. Case method

9. The important functions like perception, imagination, thought, judgement and decision occurs in
   A. Cerebellum
   B. Cerebrum
   C. Spinal cord
   D. Medulla

10. The pair of chromosomes that decides the sex of an individual is
    A. 22^{nd}
    B. 20^{th}
    C. 23^{rd}
    D. 21^{st}

11. "Belongingness" is an example for
    A. Biological motive
    B. Psychological motive
    C. Personal motive
    D. Social motive

12. A method of coping with stress where a person decides to settle for less than what was originally wanted is called as
    A. Compromise
    B. Confrontation
    C. Defensive coping
    D. Deceiving

13. In Adults Memory and Information Processing Battery is designed to test
    A. Memory function
    B. Intelligent quotient
    C. Personality
    D. Aptitude

14. The willingness to adjust to work schedules is called as
    A. Flexibility
    B. Empathy
    C. Adaptability
    D. Sympathy

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 23-Dec-2024

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. Explain the classification of memory and methods of memorizing.
2. Describe the theories of emotions in detail.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Describe Frueds theory of Psychosexual development.
4. Every individuals is unique. Briefly explain.
5. Explain the types of aptitudes.
6. Describe the uses of intelligence tests.
7. Describe sources and types of conflict.
8. Explain how on individual is influenced by a group.
9. Describe the concept of mental health and mental hygiene.

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

10. Define guidance.
11. Define displacement.
12. What is intellectualization?
13. List down four uses of psychology in Nursing.
14. What is Rorschach ink blot test?
15. What are Traits?
16. Define denial.
17. What are individual and group tests?
18. List down the characteristic of psychological tests.
19. What do you mean by vulnerable groups?

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.

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