Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination –22-Feb-2023

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. Explain the structure of heart and write about the blood supply and nerve supply to heart.
2. List the parts of respiratory tract and explain the right lung in detail.
3. Describe the location, parts, blood supply and nerve supply of urinary bladder.

SHORT ESSAYS — 8 x 5 = 40 Marks

4. Classify joints and write briefly about synovial joints.
5. Describe Deltoid muscle.
6. Name the muscles of tongue and write the nerve supply of tongue.
7. Differentiate male and female pelvis.
8. Explain the structure of Eye.
9. Describe the location and structure of ovary.
10. Name the lobes of the liver and write its blood supply.
11. Explain the structure of lymphnode.

SHORT ANSWERS — 10 x 2 = 20 Marks

12. Define anatomical position.
13. Name any four derivatives of ectoderm.
14. Name any four carpal bones.
15 Write any two differences between endocrine and exocrine glands.
16. Name the first four cranial nerves.
17. Enumerate the paranasal air sinuses.
18. Name the Ear ossicles.
19. Name the major salivary glands.
20. Name the meningeal coverings of brain.
21. Draw a labeled diagram of neurone.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 22-Feb-2023

Time: Three Hours Max. Marks: 45 Marks

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

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

(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Discuss the principles and points to the considered while planning balanced diet.

SHORT ESSAYS 5 x 5 = 25 Marks

2. Explain the nutritional problems of India.
3. What is the calorific value, daily requirement and sources of lipids.
4. Mention the sources and deficiency of Minerals.
5. Explain safe Food Handling.
6. List various agencies working towards food and nutrition.

SHORT ANSWERS 5 x 2 = 10 Marks

7. What is the clinical features of Marasmus.
8. What are first class/ complete proteins?
9. List any four factors that affect BMR.
10. What are Carotenes?
11. Define dehydration.

I Year B.Sc. Nursing Degree Examination – 22-Feb-2023

Time: Three Hours Max. Marks: 30 Marks

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

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

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Define Carbohydrates. Classify Carbohydrates with examples. Write a note on bio-medical importance of Carbohydrates.

SHORT ESSAYS 2 x 5 = 10 Marks

2. Write a short note on Passive Transport mechanism.
3. Define Enzyme. Explain Competitive inhibition with suitable examples.

SHORT ANSWERS 5 x 2 = 10 Marks

4. List out four functions of Lysosome.
5. Define Glycosuria.
6. Define Phospholipids.
7. List four food sources of Vitamin A.
8. List out four Uses of ELISA test.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 24-Feb-2023

Time: Three Hours Max. Marks: 37 Marks

ANATOMY
(RS3, RS4 & RS5)
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 lungs in detail.

SHORT ESSAYS 3 x 5 = 15 Marks

2. Classify Epithelium with examples for each. Describe in detail the stratified squamous epithelium with diagram.
3. Describe nephron in detail.
4. Explain cerebellum with its anatomical significance.

SHORT ANSWERS 6 x 2 = 12 Marks

5. Name the coverings of heart.
6. Structure of pancreas.
7. Name the ventricles of brain.
8. Name the muscles used for intramuscular injections.
9. Mention the sensory nerve supply of tongue.
10. Name any 4 cranial nerves

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I Year B.Sc. Nursing Degree Examination – 24-Feb-2023

Time: Three Hours Max. Marks: 38 Marks

PHYSIOLOGY
(RS3, RS4 & RS5)
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 Erythropoiesis. Describe the stages of Erythropoiesis. Name the factors influencing it.

SHORT ESSAYS 4 x 5 = 20 Marks

2. Describe the functions of medulla oblongata.
3. Explain the chemical regulation of Respiration
4. Explain the composition and functions of Gastric juice.
5. Describe the functions of Nephrons.

SHORT ANSWERS 4 x 2 = 8 Marks

6. State All or None Law.
7. What is Presbyopia?
8. List down any four functions of Growth Hormone.
9. What is Dysmenorrhoea?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 22-Feb-2023

Time: Three Hours Max. Marks: 45 Marks

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

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

(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Discuss the principles and points to the considered while planning balanced diet.

SHORT ESSAYS 5 x 5 = 25 Marks

2. Explain the nutritional problems of India.
3. What is the calorific value, daily requirement and sources of lipids.
4. Mention the sources and deficiency of Minerals.
5. Explain safe Food Handling.
6. List various agencies working towards food and nutrition.

SHORT ANSWERS 5 x 2 = 10 Marks

7. What is the clinical features of Marasmus.
8. What are first class/ complete proteins?
9. List any four factors that affect BMR.
10. What are Carotenes?
11. Define dehydration.

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I Year B.Sc. Nursing Degree Examination – 22-Feb-2023

Time: Three Hours Max. Marks: 30 Marks

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

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

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Define Carbohydrates. Classify Carbohydrates with examples. Write a note on bio-medical importance of Carbohydrates.

SHORT ESSAYS 2 x 5 = 10 Marks

2. Write a short note on Passive Transport mechanism.
3. Define Enzyme. Explain Competitive inhibition with suitable examples.

SHORT ANSWERS 5 x 2 = 10 Marks

4. List out four functions of Lysosome.
5. Define Glycosuria.
6. Define Phospholipids.
7. List four food sources of Vitamin A.
8. List out four Uses of ELISA test.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – 28-Feb-2023

Time: Three Hours | Max. Marks: 75 Marks

NURSING FOUNDATION
(RS3, RS4 & RS5)
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 bed bath.
   b. Explain the procedure of bed bath in a bedridden patient.
2. a. Define medication.
   b. Explain the rights of drug administration.
   c. Discuss the nurse's responsibilities in drug administration.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Describe qualities of nurse.
4. Describe various methods of data collection.
5. Explain characteristics and factors affecting respiration.
6. Explain methods of physical examination.
7. Describe the role of nurse in providing safe and clean environment.
8. Differentiate between medical and surgical asepsis
9. Write the indications for naso gastric suction. Explain procedure.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Define hospital.
11. Expand MLC.
12. List down the elements of communication.
13. Differentiate record & report
14. What is the meaning of condemnation of article?
15. What is the meaning of isolation?
16. Mention any four routes of drug administration.
17. What is the meaning of sling?
18. State the clinical signs of death.
19. What is theoretical model?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 02-Mar-2023

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY
(RS3, RS4 & RS5)
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. Explain the principles of perceptual organization.
2. Define motivation. Explain the Maslow's theory of motivation.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Describe the factors influencing development of behaviour.
4. Explain the factors influencing attention.
5. Explain the theories of forgetting.
6. Explain the primary and secondary motives.
7. Discuss Erikson's theory of psychosocial development.
8. Discuss the role of the nurse in meeting psychological needs of sick people.
9. Discuss the concept of mental health and mental hygiene.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Write merits of observation method of psychology.
11. Define Ego.
12. **What are the types & traits of personality**
13. What are vulnerable groups?
14. Define mourning.
15. Define halfway homes.
16. Define guidance.
17. What is displacement?
18. Write any four uses of psychological tests.
19. What is achievement test?

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 06-Mar-2023

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY
(RS3, RS4 & RS5)
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 morphology, pathogenesis, clinical symptoms, laboratory diagnosis and prophylaxis of polio virus.
2. Name the malarial parasites. Explain morphology, pathogenecity, laboratory diagnosis of Malarial Parasite.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Draw a neat labeled diagram of bacterial growth curve. Explain stationary phase and decline phase.
4. Explain anaerobic transport medium.
5. Explain the effect of oxygen and pH on bacterial nutrition.
6. Define sterilization. Explain sterilization by moist heat.
7. Define disinfection. Explain gaseous disinfection.
8. Define immunity. Explain natural active immunity.
9. Define immunization. Describe immunization schedule.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Name two contributions of Joseph Lister.
11. Define negative staining.
12. Define anaerobic culture media.
13. Define tube agglutination.
14. Give two functions of Halogens.
15. Mention two functions of Glutaraldehyde.
16. Give two examples of Gram negative cocci.
17. Name four clinical syndromes caused by E. coli.
18. Differentiate between viable count and total count.
19. Name two autoimmune diseases of Thyroid gland.

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc. (Nursing - Basic) Degree Examination – 20-Jun-2023

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 erythropoiesis. Explain the stages and factors influencing erythropoiesis
2. Describe menstrual cycle

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

3. Describe the composition of bile and its functions
4. Explain the conducting system of heart
5. What is GFR? Describe its regulation
6. Enumerate the properties of synapse. Explain any two of them
7. Discuss in detail the functions of hypothalamus

SHORT ANSWERS 5 x 2 = 10 Marks

8. List two functions of lungs
9. Addison's disease
10. Function of organ of corti
11. Gynaecomastia
12. Four functions of Joints

I Year B.Sc. (Nursing - Basic) Degree Examination – 20-Jun-2023

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. Describe in detail the structural organization of proteins.
2. Explain about glycolysis by phasewise.

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

3. Reducing disaccharides.
4. Ketogenesis.
5. Write about protein calorie malnutrition.
6. Describe urea cycle.
7. Functions of phosphilipids.

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

8. Gout.
9. Benedict's test.
10. Any two examples for pro-vitamins.
11. Lactose intolerance.
12. Two functions of endoplasmic reticulum.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 22-Jun-2023

Time: Three Hours Max. Marks: 37 Marks

ANATOMY
(RS3, RS4 & RS5)
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 stomach giving the gross anatomy blood supply, nerve supply, histology and applied anatomy.

SHORT ESSAYS 3 x 5 = 15 Marks

2. Describe the layers of skin with diagram.
3. Draw diagram of eye ball and briefly explain its parts.
4. Describe a nephron in detail.

SHORT ANSWERS 6 x 2 = 12 Marks

5. Structure of a neuron.
6. Structure of cell.
7. Name the chambers of the heart.
8. Mention the parts of uterus.
9. Name the type of muscles.
10. Name the bones of lower limb.

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I Year B.Sc. Nursing Degree Examination – 22-Jun-2023

Time: Three Hours Max. Marks: 38 Marks

PHYSIOLOGY
(RS3, RS4 & RS5)
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 extrinsic pathway of coagulation. Enumerate the clotting factors.

SHORT ESSAYS 4 x 5 = 20 Marks

2. Describe the functions of cerebellum.
3. Explain the neural regulation of Respiration
4. Explain the composition and functions of Saliva.
5. Describe the process of filtration in renal tubule.

SHORT ANSWERS 4 x 2 = 8 Marks

6. Define Convergence of Eye.
7. What is Muscle Atrophy?
8. Define Addison's disease.
9. Define Menstrual Cycle.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 20-Jun-2023

Time: Three Hours | Max. Marks: 45 Marks

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

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

(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Explain nutritional requirements in old age and plan a menu for a 65 year old healthy older adult.

SHORT ESSAYS 5 x 5 = 25 Marks

2. Describe the role of nutrition in maintaining the health
3. Explain the metabolism of carbohydrates.
4. Mention the function of Zinc.
5. Explain food preservation.
6. Explain the methods of effective nutrition education

SHORT ANSWERS 5 x 2 = 10 Marks

7. What is calorific value of lipids?
8. Define Kwashiorkar.
9. What is significance of BMR?
10. Define Pernicious Anemia.
11. What is the daily requirement of water?

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I Year B.Sc. Nursing Degree Examination – 20-Jun-2023

Time: Three Hours | Max. Marks: 30 Marks

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

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

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS 1 x 10 = 10 Marks

1. Define Gluconeogenesis. Describe in detail about the pathway of Gluconeogenesis. Add a note on the significance of Gluconeogenesis.

SHORT ESSAYS 2 x 5 = 10 Marks

2. Define Diffusion. Enumerate the factors influencing Diffusion.
3. Enumerate the bio-chemical importance of protein.

SHORT ANSWERS 5 x 2 = 10 Marks

4. List out four functions of Ribosome.
5. List out two functions of Na^+ - K^+ Pump.
6. Write down two functions of Bile Salts.
7. List out four signs of Deficiencies of Vitamin A.
8. Write four functions of Myosin.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – 14-Jun-2023

Time: Three Hours | Max. Marks: 75 Marks

NURSING FOUNDATION
(RS3, RS4 & RS5)
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 Rest and Sleep
   b) What are the stages of Sleep?
   c) Describe the factors affecting Sleep

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 principles of nursing.
4. Explain the steps of nursing care plan for a client with suitable examples.
5. Discuss on pattern of abnormal respiration.
6. Write in detail recording of physical examination findings from Head to Toe.
7. Explain the importance of Rest and Sleep.
8. Discuss on types of hospital Waste and Hazards associated with hospital waste.
9. Define pain and explain factors influencing pain.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. List down any four functions of hospital.
11. What is planned discharge?
12. Enlist types of communication.
13. What is the meaning of documentation?
14. Expand CSSD.
15. What is the meaning of Isolation?
16. Mention any four routes of drug administration.
17. List out types of Wounds.
18. List down stages of grieving process.
19. Define theory.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 16-Jun-2023

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY
(RS3, RS4 & RS5)
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 in classification of attention. Briefly explain the determination of attention.
2. Define Frustration. Explain the causes of Frustration.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Explain the psychological assessment of personality.
4. Explain the role of heredity and environment in behaviour development.
5. Describe the classical conditioning of learning.
6. Explain the types of thinking.
7. Briefly explain how to cope with stress
8. What are the psychological needs of woman?
9. Describe the characteristics of a mentally healthy person.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Define mental hygiene.
11. What is counselling?
12. Define rationalization.
13. Define psychology.
14. Define grief.
15. What is mental retardation
16. What is projective test of personality
17. What is verbal test of intelligence
18. Define ID.
19. Write any four uses of psychological tests.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination – 14-Jun-2023

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. Draw and label the Bones of the Skull and describe them

SHORT ESSAYS — 3 x 5 = 15 Marks

2. Describe the structure of Pharynx
3. Explain Spleen in detail location, external features, blood supply and histology
4. Describe the structure of Neurons

SHORT ANSWERS — 3 x 2 = 6 Marks

5. List the types of connective tissue
6. What is Duodenum?
7. Mention the constrictions of Ureter

Multiple Choice Questions — 6 x 1 = 6 Ma

8. The cell organelle that contains DNA
   - A. Mitochondria
   - B. Golgi apparatus
   - C. Smooth endoplasmic reticulum
   - D. Rough endoplasmic reticulum

9. The cartilage that provides support and maintains shape of the pinna or lobe of the ear
   - A. Hyaline cartilage
   - B. Fibro cartilage
   - C. Elastic fibro cartilage
   - D. Chondro cartilage

10. The hormones responsible for “fight or flight” reaction are
    - A. T3 and T4
    - B. Estrogen and Progesterone
    - C. Epinephrine and Norepinephrine
    - D. Insulin and Glucagon

11. The sense of taste is termed as
    - A. Olfaction
    - B. Audition
    - C. Gustation
    - D. Aromation

12. Normal site of fertilization in the fallopian tube is
    - A. Ampulla
    - B. Infundibulum
    - C. Isthmus
    - D. Fimbriae

13. The motor nerve which helps the movement of tongue is
    - A. Facial nerve
    - B. Oculomotor nerve
    - C. Accessory nerve
    - D. Hypoglossal nerve

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 14-Jun-2023

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. List the composition of saliva and explain the mechanism of secretion and function of saliva

SHORT ESSAYS 3 x 5 = 15 Marks

2. Describe the regulation of cardiac output
3. Explain the properties of nerve fibres
4. Describe a reflex arc with the help of a diagram

SHORT ANSWERS 3 x 2 = 6 Marks

5. Name the muscles of respiration
6. List the hormones secreted by anterior pituitary
7. Enlist any four functions of nephrons

Multiple Choice Questions 7 x 1 = 7 Marks

8. The movement of particles from a region of higher concentration to the region of lower concentration is termed as
   A. Diffusion
   B. Endocytosis
   C. Pinocytosis
   D. Osmosis
9. In pulmonary circulation, blood is pumped from
   A. Right atrium
   B. Right ventricle
   C. Left atrium
   D. Left ventricle
10. The total volume of blood present in human adult is around
   A. 3L
   B. 5L
   C. 8L
   D. 10L
11. The hormone secreted by posterior pituitary is
   A. Luteinising Hormone
   B. Follicle Stimulating Hormone
   C. Vasopressin
   D. Growth Hormone
12. The receptors for vision are
   A. Rods
   B. Hair cells
   C. Macula
   D. Crista
13. The renal threshold for glucose is
   A. 180 mg/dl
   B. 325 mg/dl
   C. 180 mg/min
   D. 325mg/min
14. Follicle Stimulating Hormone is secreted from
   A. Anterior Pituitary
   B. Posterior Pituitary
   C. Ovary
   D. Placenta

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 16-Jun-2023

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. Enumerate major social problems of India. Describe various remedial measures to curb poverty in India

SHORT ESSAYS — 3 x 5 = 15 Marks

2. Define social mobility and explain its types
3. Differentiate between society and community
4. Describe various agencies of socialization

SHORT ANSWERS — 3 x 2 = 6 Marks

5. List types of marriage
6. Enlist non- essential functions of family
7. Define cultural uniformity

Multiple Choice Questions — 6 x 1 = 6 Marks

8. A formal method of social control is
   A. Customs
   B. Traditions
   C. Laws
   D. Cultural norms
9. Cultural lag refers to
   A. Modification in culture and cultural traits
   B. Passing on accumulated knowledge from one generation to another generation
   C. Spread of one's cultural practices among members of same or different culture
   D. The difference between material culture and non-material culture.
10. The Hindu widows remarriage act was implemented in the year
   A. 1856
   B. 1954
   C. 1961
   D. 1969
11. An example for financial abuse is
   A. Slapping
   B. Bullying
   C. Fraud
   D. Unwanted sexual contact
12. Approaches of clinical intervention and clinical sociology are defined by
   A. Implicit approach
   B. Explicit approach
   C. Instrumental approach
   D. Visual approach
13. The word diffusion refers to spread of elements of
   A. Customs
   B. Way of life
   C. Culture
   D. Norms

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 16-Jun-2023

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. Define learning. Describe Pavlov's classical conditioning theory of learning

SHORT ESSAYS 3 x 5 = 15 Marks

2. Justify the role of nurse in reducing frustration and conflict among sick individuals
3. Explain the role of nurse in vulnerable group
4. Explain the purposes of interpersonal relationships

SHORT ANSWERS 3 x 2 = 6 Marks

5. Enlist the role of nurse in handling dependent personality
6. **Enumerate the methods of assessment of emotional intelligence**
7. List out any two advantage of self empowerment

Multiple Choice Questions 7 x 1 = 7 Marks

8. The branch of psychology that deals with extra-sensory perceptions, causes of rebirth, telepathy and allied problems is
   A. Geo psychology
   B. Parapsychology
   C. General psychology
   D. Gestalt psychology

9. The part of the brain that is responsible for emotion is
   A. Cerebellum
   B. Limbic system
   C. Pituitary gland
   D. Caudate nucleus

10. Which trait of human being is determined by heredity?
   A. Morals
   B. Cultural values
   C. Intelligence
   D. Socialisation

11. The method of coping used by people who tries to minimize the threatening event is
   A. Emotion focused coping
   B. Avoidance coping
   C. Problem focused coping
   D. Psychological coping

12. Hunger motive is an example for
   A. Special motive
   B. Social motive
   C. Biological motive
   D. Environmental motive

13. One of the disadvantages of psychological test is
   A. Subjective bias
   B. Misdiagnosis
   C. Poor information
   D. Inaccuracy

14. Two or more people interacting independently towards a common goal is
   A. Work ethics
   B. Taking initiative
   C. Tolerance
   D. Team work

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 26-Jun-2023

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY
(RS3, RS4 & RS5)
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, pathogenesis, clinical symptoms and prophylaxis of Rabies.
2. Classify the genus clostridium. Explain in detail the cultural characteristics, pathogenesis, laboratory diagnosis and prophylaxis of clostridium tetani.

SHORT ESSAYS — 7 x 5 = 35 Marks

3. Explain Differential media.
4. Explain the effect of oxygen and pH on bacterial nutrition.
5. Explain the stages of sporulation with the help of neat labeled diagram.
6. Define sterilization. Explain sterilization by moist heat.
7. Describe antibiotic sensitivity test.
8. Define hypersensitivity. Explain Type I hypersensitivity.
9. Define vaccines. Differentiate between Salk vaccine and Sabin vaccine.

SHORT ANSWERS — 10 x 2 = 20 Marks

10. Koch postulate.
11. Name the four phases of bacterial growth.
12. Mention any two-transport media.
13. Define pasteurization.
14. Name two bacteria causing nosocomial infection.
15. Name two DNA viruses.
16. Name two zoonotic diseases
17. Name two types of hypersensitivity.
18. Name two bacterial vaccine.
19. Define Cold chain.

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