Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 40 Marks

Physiology

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. Name the respiratory centres and describe neural regulation of respiration
2. Classify leucocytes. Describe their morphology. Add a note on its functions

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

3. Enumerate the functions of stomach
4. Draw a neat labeled diagram of neuro muscular junction, what is myasthenia Graris
5. Describe actions of growth hormone
6. Name the family planning methods in both males and females
7. Glomerular filtration rate

SHORT ANSWERS 5 x 2 = 10 Marks

8. Functions of cerebellum
9. Draw a neat labeled diagram of neuron
10. List differences between first and second heart sound
11. Mention any two lung rolumes and two lung capacition. What is their normal role
12. List four functions of plasma proteins

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 40 Marks

Biochemistry

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. How is ammonia formed and detoxified in the body?
2. Describe the Embden Meyerhoff pathway. How is it regulated?

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

3. Biochemical functions of vitamin B6
4. Ketogenesis
5. Glucose tolerance test
6. Composition and functions of phospholipids
7. Metabolic acidosis

SHORT ANSWERS 5 x 2 = 10 Marks

8. Creatinine clearance and its significance
9. Rickets
10. Any two tests to detect obstructive jaundice
11. Two examples of pro-vitamins
12. Action of cyclic AMP on glycogenolysis

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 80 Marks

BASIC PRINCIPLES & PRACTICE OF NURSING
(Revised Scheme)

Q.P. CODE: 1679

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. a) Define communication
   b) Explain the process of communication
   c) How can you make the nurse patient relationship, therapeutically effective?
2. a) Define nursing process
   b) Explain in detail on nursing diagnosis.
3. a) List the indications for urinary catheterization
   b) Explain the nurse role in catheterization of patient with incontinence of urine.

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

4. Health illness continuum
5. Progressive patient care
6. Home care services
7. Health need
8. Basic needs of a man
9. Discharge of the patient
10. Complications of neglected mouth
11. Principles of first aid
12. Characteristics of pulse
13. Nurse role in rehabilitation

SHORT ANSWERS 10 x 2 = 20 Marks

14. Suppository
15 Indications for lumbar puncture
16. Restraints
17. Nosocomial infection
18. Anorexia
19. Percussion
20. Convert 40^{o}C to fahren heit.
21. Objective data
22. Handling of chitel forceps
23. First aid to a patient with snake bite

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 80 Marks

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY
(Revised Scheme)

Q.P. CODE: 1680

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 Development of Concepts. Discuss Piaget's contribution of its understanding.
2. Discuss the general Theories of emotion & Explain "Development of Emotions" with reference to "BRIDGES" schema of emotional Development.
3. Define Learning. State its Laws. Explain the different types of learning quoting studies wherever necessary.

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

4. Distinguish between experimental & observational methods.
5. Explain the Principles of Perception. What is Perceptual distortion?
6. Define Attitudes. What is "Attitude change"?
7. Differentiate between classical conditioning & operant conditioning.
8. Define personality. Explain its organization.
9. Explain Maslow's need Hierarchy Theory. What are drives &needs?
10. What is Habit Interference? Explain Retroactive Inhibition.
11. Discuss the various techniques used to "Assess Personality".
12. What are the factors affecting Memory? Describe various methods of Memorising.
13. Describe the present status & Application of Intelligence testing.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Case-History Method
15 Stages of Psycho-Sexual Development
16. Task-Oriented Reactions
17. Extra-Sensory Perception
18. Attention
19. Insightful-Learning
20. Define Psychology.
21. Frustration
22. Conflict
23. Scope of Educational Psychology

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

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. Classify hypersensitivity reaction. Describe in detail about type I hypersensitivity.
2. Discuss in detail about the laboratory diagnosis of Diphtheria.
3. Describe in detail about the cultivation of viruses.

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

4. Laboratory diagnosis of gonorrhoea
5. Immunoglobulin M
6. Bacterial cell wall
7. WIDAL test
8. Life cycle of ascaris lumbricoides
9. Autoclave
10. Write about hospital waste management.
11. ELISA
12. Candida
13. Write about the prophylaxis of Hepatitis B.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two transport media.
15 Lepromin test
16. Name the infections caused by Streptococcus pyogenes.
17. Robert Koch
18. Write two differences between exotoxin and endotoxin.
19. Name four organisms causing diarrhea.
20. DPT vaccine
21. Draw the diagram of Giardia lamblia.
22. Draw the bacterial growth curve.
23. Name two RNA viruses.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING
(Revised Scheme)

Q.P. CODE: 1682

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 Health problems of India.
2. List the sources of water and explain the steps of purification of water on a large scale.
3. As a community health nurse, how will you prevent and control the occurrence of cholera in your area?

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

4. Community health team
5. Principles of primary health care
6. Air pollution
7. Prevention of mal nutrition
8. ICDS programme
9. Types of communication
10. Contents used in health education
11. Indices of thermal comfort
12. Food borne diseases
13. Prevention of food adulteration act

SHORT ANSWERS 10 x 2 = 20 Marks

14. Define community health nursing.
15 Essential amino acids
16. Balanced diet
17. Audio visual aids
18. Sources of radiation
19. Neurolathyrism
20. Pandemic
21. Chemoprophylaxis
22. Reservoir
23. Define Health education

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 80 Marks

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1683

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define social process. Explain the functional significance of co-operation and competition as a social processes
2. What is family? Describe the types and functions of family
3. Discuss the causes of population explosion. What are its effects on health?

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

4. Importance of sociology in nursing profession
5. Characteristics of caste system
6. Forms of marriage
7. Social control
8. Role and status
9. Agencies of socialization
10. Rural social problem
11. Health hazards of alcoholism
12. Characteristics of primary group
13. Classification of groups

SHORT ANSWERS 10 x 2 = 20 Marks

14. Ethnocentrism
15 Malthusion theory
16. Dewry prohibition act – 1961
17. Fraternal polyandry
18. Poverty
19. Social medicine
20. Senior citizen
21. Social mobility
22. Isolation
23. Social problems of slums

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 50 Marks

Anatomy

Q.P. Code : 1746

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. Write about the glands under the following headings (a) Enumerate endocrine glands with their location (b) Four examples of exocrine glands (c) Differences between endocrine and exocrine glands
2. Write about the synovial joints under the following headings, (a) General features (formation) (b) Examples of multiaxial joint (c) Factors helping in reducing the friction (d) Two applied aspects

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Transverse section of thoracic part of the spinal cord
4. Structure of thick skin
5. Lymphoid tissue
6. Intercostal muscles
7. Nephron
8. Male reproductive organs
9. Tongue

SHORT ANSWERS 5 x 3 = 15 Marks

10. What are the contents of the middle ear
11. Name the bones forming thoracic cage
12. What are the nerves of adductor, extensor and flexor compartments of the high
13. Name the structures related posterior to the stomach
14. What is the nerve supply of parietal pleura

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 50 Marks

Physiology

Q.P. Code : 1747

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. What is sarcomere? Explain the molecular basis of muscle contraction.
2. Name the hormones of anterior pituitary gland. Describe the actions of growth hormone. Add a note on Acromegaly.

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Juxtaglomerular Apparatus
4. Visual pathway
5. Humoral immunity
6. Excitation – Contraction coupling
7. Classification of receptors
8. Mechanism of inspiration
9. Origin & spread of cardiac impulse

SHORT ANSWERS 5 x 3 = 15 Marks

10. Name three body fluid compartments and give its normal value.
11. Heat gain mechanisms in the body
12. Mention three female contraceptive measures and its mechanism of action.
13. Name three contents of saliva and mention its function.
14. Functions of large intestine

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 60 Marks

Nutrition

Q.P. Code : 1748

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

(Note : Both QP Codes **1748** and **1749** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Describe the various national programmes related to nutrition.
2. Define Audulteration. Write briefly on food standards.
3. Describe the classification, Functions, Sources and recommended daily allowances of carbohydrates.

SHORT ESSAYS (Any Five) 5 x 5 = 25 Marks

4. CFTRI
5. Methods of cooking
6. Describe the sources and functions of water.
7. Vitamin A
8. Functions of fat
9. Anaemia
10. What are the points to be kept in mind while planning a diet for a pre school child?

SHORT ANSWERS 5 x 3 = 15 Marks

11. Define food additive.
12. Classify food on the basis of function.
13. Goals of national nutrition policy
14. Define BMR. List the factors affecting BMR.
15. How are proteins classified on the basis of quality? Give Examples.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 40 Marks

Biochemistry

Q.P. Code : 1749

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes **1748** and **1749** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any One) — 1 x 10 = 10 Marks

1. Describe HMP pathways. Add a note on its significance.
2. Describe urea cycle. Add a note on its disorders.

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

3. Functions of calcium
4. Homo-polysaccharides
5. Compounds formed from cholesterol
6. Regniation of blood sugar level

SHORT ANSWERS — 5 x 3 = 15 Marks

7. Functions of mitochondria
8. Name blood buffers
9. Essential fatty acids
10. Antioxidants
11. Glycosuria

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 100 Marks

NURSING FOUNDATION
(Revised Scheme 2)
Q.P. CODE: 1750

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

LONG ESSAYS (Any Two) — 2 x 10 = 20 Marks

1. a) Define Nursing
   b) Discuss Nursing as a profession.
2. a) Define Nursing process
   b) Explain is detail on nursing diagnosis.
3. a) Define medicine
   b) List down the different routes of medicine administration.
   c) Briefly explain the principles of medication administration.

SHORT ESSAYS (Any Ten) — 10 x 5 = 50 Marks

4. Health belief model
5. Care of dead body
6. Care of unconscious patient
7. Health illness continuum
8. Types of bandages and its uses
9. Hand washing
10. Comfort devices
11. Nurses responsibility in oxygen administration
12. Intake output chart
13. Principles of record keeping
14. Admission procedure
15. Barriers to effective communication

SHORT ANSWERS — 10 x 3 = 30 Marks

16. Euthanasia
17. Percussion
18. Patients rights
19. Complication of O2 administration
20. ROM exercises.
21. Characteristics of B.P
22. Evaluation
23. Cross infection
24. Suppository
25. Care of rubber goods.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 100 Marks

PSYCHOLOGY (RS - 2)

Q.P. CODE: 1751

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

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Define motivation. Explain the theories of motivation
2. Describe the trial and error of learning and its applications to nursing
3. Explain the role of heredity and environment of behaviour

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. Define thinking. Discuss the types of thinking
5. Define attitudes. Bring out the factors responsible in formation of attitude
6. Operant conditioning
7. Methods to improve learning
8. Intelligence test and with different levels of IQ
9. Memory and its types
10. Aptitude and its different types
11. Organization of perception
12. Theories of emotions
13. Conflict resolution
14. Cannon – Brad theory of emotions
15. Concepts of mental health and mental hygiene

SHORT ANSWERS 10 x 3 = 30 Marks

16. Define psychology
17. Tools of thinking
18. Mention the types of learning
19. List out the different types of personality test
20. Types of conflicts
21. Frustration
22. List all Ego-defence mechanism
23. Attitudes and its types
24. Stress
25. Errors of thinking

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 100 Marks

MICROBIOLOGY (RS - 2)

Q.P. CODE: 1752

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

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Define infection. Mention the sources of infection. Describe briefly hospital infection and its control.
2. Enumerate the Hepatitis viruses. Give an account of Hepatitis B virus infection.
3. Describe the pathogenesis and laboratory diagnosis of Enteric Fever.

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. Fumigation.
5. Antibiogram.
6. Acquired immunity.
7. Pneumococci.
8. Urinary tract infection.
9. Peripheral smear for malaria
10. Mycetoma foot.
11. Bacillary dysentery.
12. Tuberculosis
13. Ig A.
14. Laboratory diagnosis of Diphtheria
15. Swine Flu.

SHORT ANSWERS 10 x 3 = 30 Marks

16. Carriers.
17. Nutritional requirements of bacteria
18. Amoebiasis
19. Macrophage
20. Name three pathogens transmitted through blood transfusion.
21. Blood culture
22. Passive immunization
23. Cryptococcus
24. Fever blister
25. Mantoux test.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 37 Marks

Anatomy

Q.P. Code : 1753

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 (Answer any One) 1 x 10 = 10 Marks

1. Name the different parts of Central Nervous system. Describe the Cerebellum in details
2. Enumerate the different parts of male reproductive system. Describe the testis in details

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

3. Urinary bladder
4. Thyroid gland
5. Differences between large intestine and small intestine
6. Spleen

SHORT ANSWERS 6 x 2 = 12 Marks

7. Structure of Trachea
8. Name the lower limb bones
9. Supports of the uterus
10. Name any four branches of brachial plexus
11. Quadriceps femoris
12. Name the layers of Large Sized Artery

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 38 Marks

Physiology

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 (Answer any One) 1 x 10 = 10 Marks

1. Name the respiratory centres and describe regulation of respiration.
2. Draw a neat, labeled diagram of neuro-muscular junction and describe the events occurring at it.

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

3. Heart sounds
4. Name the posterior pituatory hormones and describe their actions.
5. Describe functions of hypothalamus.
6. Describe stages of erythropoiesis.
7. Define receptor. Classify them.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Name the plasma proteins and mention function of any one.
9. Mention any four secondary sexual characters of a male.
10. Functions of platelets
11. Name any two gastro intestinal hormone and mention their function.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 45 Marks

Nutrition

Q.P. Code : 1755

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

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

1. Define nutrition. Explain the factors affecting food & nutrition.
2. Define proteins. Explain in detail the digestion, absorption, metabolism & storage of proteins.

SHORT ESSAYS (Answer any Five) 5 x 5 = 25 Marks

3. Nutritional problems in India
4. Food standards
5. Function of carbohydrates
6. Menu plan for school going child
7. ICDS program
8. Vitamin A deficiency disorders

SHORT ANSWERS 5 x 2 = 10 Marks

9. Food adulteration Act (PFA)
10. Scurvy
11. Basal Metabolic Rate (BMR)
12. Dehydration
13. Dietary sources of fats

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: 3 Hours | Max. Marks: 30 Marks

Biochemistry

Q.P. Code : 1756

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

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

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

1. Describe the reactions of gluconeogenesis? Mention its significance.
2. What are the different types of enzyme inhibition? Explain with suitable examples.

SHORT ESSAYS (Answer any Two) 2 x 5 = 10 Marks

3. Primary structure of proteins
4. Isoenzymes and their clinical significance
5. Biological role of pyridoxal phosphate

SHORT ANSWERS 5 x 2 = 10 Marks

6. What is the daily requirement of vitamin A and D.
7. Glucose tolerance test
8. Active transport
9. Define Km value. What is its significance?
10. Give the normal levels of serum cholesterol and triglycerides

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 75 Marks

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

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. a) Define communication
   b) Explain the barriers of communication
2. a) What are the signs of approaching death
   b) Discuss nursing care of a dying patient
3. a) Define infection
   b) Explain how you will prevent occurrence of Nosocomial infection in your ward

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

4. Nursing management of pain
5. Factors affecting sleep
6. Nursing care plan
7. Types of enemas
8. Chest drainage
9. Principles of body mechanism
10. Nursing diagnosis
11. Indications of R T feeds
12. Postural drainage

SHORT ANSWERS 10 x 2 = 20 Marks

13. Intradermal injection
14. Kneechest position
15. Medication error
16. Auscultation
17. Embalming
18. Types of admission
19. Surgical asepsis
20. Waste disposal
21. Inverse fever
22. Total parentral nutrition

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define Intelligence. Explain the theories of intelligence
2. Explain Social motives
3. What is an emotion? Explain the theories of emotion

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

4. Explain the theories of forgetting
5. Explain heredity
6. Explain body mind relationship
7. Explain factors determining attention
8. Explain principle of grouping and organization
9. Explain types of thinking
10. Explain emotions and health
11. Explain trial and error learning
12. Explain methods of improving memory

SHORT ANSWERS 10 x 2 = 20 Marks

13. Psychology
14. Attention
15. Learning
16. Memory
17. Creative thinking
18. Genius
19. Heredity
20. Conflicts
21. Attitude
22. Interview

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Mar 2013

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)
Q.P. CODE: 1759

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. Mention the various Malarial parasites. Describe the life cycle and laboratory diagnosis of Plasmodium Falciparum
2. Define and classify immunity. Discuss the various mechanisms of innate immunity
3. Enumerate various sexually transmitted diseases and their causative agents. Describe in detail the laboratory diagnosis of syphilis

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

4. Bacterial spore
5. Antiseptics and disinfectants
6. Structure of an immunoglobulin
7. Widal test
8. Exotoxins and endotoxins
9. B.C.G
10. Universal precautions
11. Life cycle of Ancylostoma duodenale
12. Prophylaxis of Poliomyelitis

SHORT ANSWERS — 10 x 2 = 20 Marks

13. Mention two Anaerobic culture media
14. Gram's Stain
15. Name two bacteria causing nosocomial infection
16. Draw a neat labeled diagram of bacterial growth curve
17. Name two Post-Streptococcal complications
18. Name the Bacteria causing Gas gangrene
19. MMR Vaccine
20. Draw a neat labeled diagram of trophozoite of Giardia Lamblia
21. Mention two somatic nematodes
22. Name two subcutaneous mycosis

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: 3 Hours Max. Marks: 40 Marks

Physiology

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. Describe the stages of erythropoiesis. How is it regulated?
2. Name the hormones secreted by the anterior pituitary. Describe the functions of growth hormone

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

3. How is carbon-di-oxide transported in blood? State Bohr's effect
4. Describe the functions of Testosterone
5. Describe the temporary family planning methods in female
6. Define and give normal values of a) Vital capacity b) Residual volume
7. Describe the composition and functions of lymph

SHORT ANSWERS 5 x 2 = 10 Marks

8. Draw and label ECG
9. Myopia
10. Define stroke volume. Give normal values
11. Name four hormones increasing blood glucose
12. Name four ascending tracts

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: 3 Hours | Max. Marks: 40 Marks

Biochemistry

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 the steps involved in the synthesis and utilization of ketone bodies. Add a note on ketosis.
2. Describe the sources, RDA, functions and deficiency manifestations of Vitamin A.

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

3. Role of kidney in acid base balance
4. Biologically important compounds formed from Glycine
5. Diagnostically important serum enzymes
6. Significance of HMP pathway
7. BMR and factors affecting BMR

SHORT ANSWERS 5 x 2 = 10 Marks

8. Heat coagulation Test
9. Hyperglycemia
10. Pellagra
11. Lactose Intolerance
12. Dietary fibre

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 80 Marks

BASIC PRINCIPLES & PRACTICE OF NURSING
(Revised Scheme)

Q.P. CODE: 1679

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define pain. List out the type of pain and factors influencing the pain. Brief about role of nurse in pain management.
2. a) Define the term profession
   b) Characteristics of a profession
   c) Justify nursing as a profession
3. a) Define admission
   b) Explain types and procedure of admission.

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

4. Role of a nurse in health care delivery system
5. Levels of care
6. Records and reports used in hospitals
7. Methods of physical assessment
8. Principles of body mechanics
9. Feeding helpless patient
10. First aid in burns
11. Technique of forceps transfer
12. Nurses responsibility in oxygen inhalation
13. Rehabilitation process

SHORT ANSWERS 10 x 2 = 20 Marks

14. Anti emetics
15 Health
16. Essentials of communication
17. Passive exercise
18. Breath sounds
19. Nurse practitioner
20. Ventilation
21. Figure of eight
22. Relapsing fever
23. Nursing team

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 80 Marks

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY
(Revised Scheme)

Q.P. CODE: 1680

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 scope of Psychology. Explain it with reference to Nursing.
2. What are motives? Classify Motives. Elaborate on the Primary Motives.
3. Discuss the various Theories of Emotions. Bring out the relationship between Emotions and Health.

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

4. Explain Experimental method along with its merits & Demerits.
5. Distinguish Perception & Sensation. Explain extra-Sensory Perception.
6. Explain the different Principles of Heredity.
7. Explain the nature & causes of Individul differences.
8. Discuss the role of Autonomic-Nervous-System in Emotions.
9. What are the various types of learning? Mention their Laws.
10. Explain the different tests & tools used for Evaluation.
11. What is personality? Explain “Assessment of Personality”
12. What is Forgetting? Explain the organic causes of Forgetting.
13. Define Intelligence. Explain Distribution of Intelligence.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Questionnaires
15 Degree of Attention
16. Psycho-Sexual Stages of Development
17. Emotional Status
18. Conflicts
19. Super-Ego
20. Retro-Active Inhibition
21. Problem-Solving
22. Extinction &Spontaneous Recovery
23. Creativity

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

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. Discuss life cycle, pathogenesis and laboratory diagnosis of lumbricoids.
2. Define and classify sterilization and give an account on dry heat sterilization.
3. Define and classify hypersensitivity. Discuss anaphylaxis.

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

4. Structure of HIV virus
5. Endospores
6. Life cycle of Entamoeaba histolytica
7. Differential media
8. Principles of Gram staining
9. Dermatophytes
10. IgG
11. Food poisoning
12. Morphological classification of bacteria
13. Pandemic

SHORT ANSWERS 10 x 2 = 20 Marks

14. Active Immunity
15 CSSD
16. Name two water borne diseases.
17. Chocolate agar
18. Pasteurization
19. Name two RNA viruses.
20. Quality control of Autoclave
21. Name any two infectious waste.
22. Define intermediate host.
23. Mantoux test

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING
(Revised Scheme)

Q.P. CODE: 1682

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. a. List the Principles of Primary Health Care.
   b. Explain the role of Community Health Nurse in Primary Health Care.
2. Describe the health care delivery system in India from central to peripheral level.
3. Explain the principles of Health Education in detail.

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

4. Determinants of Community Health
5. Health problems of India
6. Effects of air pollution & its prevention
7. Requirements of good lighting
8. Excreta disposal
9. Food adulteration
10. Removal of hardness of water
11. Modes of disease transmission
12. PEM
13. Sanitation of fairs and festival camps

SHORT ANSWERS 10 x 2 = 20 Marks

14. Sources of Radiation
15 Types of environment
16. Define Infant mortality rate
17. Night blindness
18. Micro nutrients
19. Sources of Vitamin A
20. Define Health.
21. Pulse Polio Programme
22. Measles
23. Define Epidemiology

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 80 Marks

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1683

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define Social Stratification. Examine the caste as a form of Social Stratification.
2. Define Social control. Discuss various means of social control.
3. What is meant by Social processes? Classify social processes. Discuss the importance of co-operation in social life.

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

4. Difference between primary and secondary group
5. Agrarian Society
6. Agencies of Socialization
7. Disintegration of Joint Family system
8. Various forms of Marriage
9. Features of Modern Family
10. Growth of Cities
11. Community Development Programs
12. Various forms or methods of Accommodation
13. Culture influencing Health and Illness

SHORT ANSWERS 10 x 2 = 20 Marks

14. Matriarchal Family
15 Lifestyle & Health
16. Public and Audience
17. Cultural lag
18. Hindu Succession Act,1956
19. Social Welfare Planning
20. Achieved Status
21. Sororal polygyny
22. Race
23. Population Explosion

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: 3 Hours | Max. Marks: 60 Marks

Nutrition

Q.P. Code : 1748

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

(Note : Both QP Codes **1748** and **1749** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Define Nutrition. Explain in detail on nutritional problems in India with preventive measures.
2. Classify vitamins. Describe Dietary Sources, Functions, Deficiencies and Hyper Vitaminosis of Fat Soluble Vitamins.
3. Define Preservation. Write briefly on various methods of food preservation.

SHORT ESSAYS (Any Five) 5 x 5 = 25 Marks

4. Food groups
5. Preventive measures on food adulteration
6. NIPCCD
7. Over hydration and dehydration
8. Body mass index
9. Functions of protein
10. Goals of national nutritional policy

SHORT ANSWERS 5 x 3 = 15 Marks

11. Over consumption of fats
12. Classify carbohydrates
13. IDD
14. Function of food
15. Elements of nutrition

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: 3 Hours Max. Marks: 40 Marks

Biochemistry

Q.P. Code : 1749

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

(Note : Both QP Codes **1748** and **1749** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any One) 1 x 10 = 10 Marks

1. Discuss Tricarboxylic acid (TCA) cycle. Add a note on its energetics
2. Describe the sources, R D A, biochemical functions and deficiency manifestations of Ascorbic acid (Vitamin C).

SHORT ESSAYS (Any Three) 3 x 5 = 15 Marks

3. Lipoproteins
4. Urea cycle
5. Renal regulation of Acid – Base Balance
6. Biochemical functions of calcium

SHORT ANSWERS 5 x 3 = 15 Marks

7. Pellaagra
8. Essential fatty acids
9. Metabolic Acidosis
10. Starch
11. Mention the normal serum levels of
    a) Sodium b) Pottasium c) Chloride

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 100 Marks

NURSING FOUNDATION
(Revised Scheme 2)
Q.P. CODE: 1750

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

LONG ESSAYS (Any Two) — 2 x 10 = 20 Marks

1. a) Define communication.
   b) Explain the communication process.
2. a) Define pulse.
   b) List the sites for taking pulse.
   c) Explain the characteristics of a pulse.
3. a) Define pressure sore and its causes.
   b) How will you prevent the development of pressure sore in a bed ridden patient?

SHORT ESSAYS (Any Ten) — 10 x 5 = 50 Marks

4. Functions of the hospital
5. Characteristics of a profession
6. Discharge of patient from hospital
7. Assessment phase of nursing process
8. Records and reports
9. Methods of physical examination
10. Care of rubber goods
11. Principles of body mechanics
12. Nurses role in collection of specimens
13. Nurse role in biomedical waste management
14. Nurse responsibility in blood transfusion
15. Role of a nurse in postoperative unit

SHORT ANSWERS — 10 x 3 = 30 Marks

16. Autopsy
17. Types of fever
18. Name any Six medico-legal issues.
19. Steps used in care plan
20. Types of pain
21. Rigor mortis
22. Purposes of health assessment
23. Incidental report
24. Define health.
25. Diuretics

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 100 Marks

PSYCHOLOGY (RS - 2)

Q.P. CODE: 1751

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

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Define Personality. Explain the Projective Techniques in Assessing Personality.
2. Define Intelligence. Explain the classification of intelligence test.
3. Discuss the Muscular and glandular basis of behaviour.

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. What is Memory? Types of memory
5. Organization of Perception
6. The Role of Endocrine glands
7. Introspection Method
8. Scope of Psychology
9. Explain the stages of developing in thinking.
10. Discuss the different types of Attention.
11. What is frustration? Explain its sources.
12. Evaluate the Theories of Emotions.
13. Tools to improve Memory
14. Concept of Mental Hygiene
15. Behavioural changes from infancy to Adolescence

SHORT ANSWERS 10 x 3 = 30 Marks

16. Errors of Perception
17. Super Ego
18. Extra-Sensory perception
19. Aptitude
20. Illusion
21. Cerebral Hemispheres
22. Reinforcement
23. Frustration
24. Attitudinal change
25. Transfer of Learning

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 100 Marks

MICROBIOLOGY (RS - 2)

Q.P. CODE: 1752

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

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Define and classify sterilization. Describe sterilization using autoclave.
2. Define and classify immunity. Describe innate immunity.
3. Write the etiology of Sexually Transmitted diseases. Describe the pathogenesis and laboratory diagnosis of gonorrhoea.

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. ELISA
5. Enrichment media
6. ZN stain
7. Lab diagnosis of HIV infection
8. Bacterial spore
9. Life cycle of round worm
10. Flagella
11. Food poisoning
12. Candidiasis
13. Immunization schedule
14. Cysticercosis
15. Diseases caused by streptococcus pyogenes

SHORT ANSWERS 10 x 3 = 30 Marks

16. Transduction.
17. BCG vaccine
18. L forms
19. Blood agar
20. Name three live viral vaccines
21. Name three zoonotic diseases.
22. Allograft
23. Mention three spirochaetes
24. Rapid presumptive diagnosis of cholera
25. Classify bacteria according to shape

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: 3 Hours | Max. Marks: 45 Marks

Nutrition

Q.P. Code : 1755

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

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

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

1. a) Define Nutrition.
   b) Role of nutrition in maintaining health
   c) Factors affecting food and nutrition
2. a) Explain the nutritional problems in India
   b) Discuss the nutritional programmes in detail.

SHORT ESSAYS (Answer any Five) — 5 x 5 = 25 Marks

3. Food standards
4. Functions, sources and classification of lipids
5. Diet in Pregnancy
6. Weaning
7. NIN
8. Principles and methods of cooking

SHORT ANSWERS — 5 x 2 = 10 Marks

9. Rickets
10. Food preservation
11. BMR
12. Oral rehydration therapy
13. Scurvy

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: 3 Hours | Max. Marks: 30 Marks

Biochemistry

Q.P. Code : 1756

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

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

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

1. Give the IUB classification of enzymes with two examples for each class.
2. Give the sources, functions, deficiency manifestations and RDA of Vitamin C.

SHORT ESSAYS (Answer any Two) 2 x 5 = 10 Marks

3. Deficiency manifestations of vitamin A.
4. Urea cycle.
5. Functions of plasma proteins.

SHORT ANSWERS 5 x 2 = 10 Marks

6. Essential amino acids.
7. Rothera's test.
8. Mention two proteolytic enzymes.
9. Name the coenzyme form of Thiamine and Pyridoxine.
10. Normal blood levels of cholesterol and urea.

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 75 Marks

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define nursing process, discuss the steps of nursing process in relation to their application in practical setting.
2. Define blood pressure, explain the factors affecting blood pressure. List the sites of assessing BP. What are the special considerations while assessing BP?
3. What are the basic human needs of a patient? Explain the nursing interventions for attaining psychological needs.

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

4. Roles and responsibilities of a nurse during discharge of a patient.
5. Relationship between code of ethics and professional conduct in nurses.
6. Records and Reports.
7. Barriers to effective communication.
8. Prevention of cross infection in hospitals.
9. Routes of administering medications.
10. Care of a dying patient.
11. Cardio Pulmonary Resuscitation.
12. Health care team.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Prevention of pressure sores.
14. List the nursing diagnosis for an unconscious patient.
15. Importance of Bio medical waste management.
16. Care of rubber goods.
17. Anorexia.
18. Barrier nursing.
19. Rights in medication administration.
20. Suppository
21. Subjective and objective assessment.
22. Methods of Physical examination.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define personality explain any theories of personality
2. Explain the theories of intelligence
3. Explain the characteristics of perception

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

4. Observation method
5. Law's of learning
6. Methods to improve memory
7. Role of psychology in nursing
8. Cannon – Bard theory of emotions
9. Causes of individual differences
10. Insightful learning
11. Biological motives
12. Types of intelligence test

SHORT ANSWERS 10 x 2 = 20 Marks

13. Amnesia
14. Attitude
15. Questionnaires
16. I Q
17. Mental hygiene
18. Attention
19. Self actualization
20. Stress
21. Aptitude
22. Reward & punishment

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)
Q.P. CODE: 1759

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define and classify sterilization. Give an account of moist heat sterilization.
2. Classify viruses. Discuss in detail cultivation of viruses.
3. Describe the morphology, lifecycle, pathogenicity and laboratory diagnosis of Entamoeba histolytica.

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

4. Bacterial growth curve
5. Laboratory diagnosis of enteric fever
6. Acquired immunity
7. Anaphylaxis
8. Dermatophytes
9. Laboratory diagnosis of HIV infection
10. Examination of stool for parasitic infections
11. Nosocomial infection
12. Antibiotic sensitivity testing

SHORT ANSWERS 10 x 2 = 20 Marks

13. Name two zoonotic diseases.
14. Draw a neat, labeled diagram of Immunoglobulin M (IgM).
15. Give two examples of selective media.
16. Name two methods of Pasteurisation.
17. DPT vaccine
18. Oral thrush
19. Name two viruses causing diarrhea.
20. Draw a neat, labeled diagram of hookworm ova.
21. Name two bacterial exotoxins.
22. VDRL test

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – Sep 2013

Time: Three Hours | Max. Marks: 80 Marks

ANATOMY (Revised Scheme)

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 autonomic nervous system
2. Describe the thyroid gland
3. Describe the ventricles of the heart

SHORT ESSAYS — 8 x 5 = 40 Marks

4. Islets of langerhans
5. Ectopic pregnancy
6. Classify the connective tissue
7. Name the components of nerve tissue. Describe the nerve cells
8. Urinary bladder
9. Spleen
10. Classify the cartilage
11. Deltoid muscle

SHORT ANSWERS — 10 x 2 = 20 Marks

12. Name the ligaments that hold the uterus to its normal position
13. Name any two exocrine glands
14. What is pelvimetry?
15 Nissl bodies
16. Give the origin and termination of the thoracic duct
17. Name the organelles of the cell
18. Name any 4 muscles of the back
19. Name the branches of femoral nerve
20. What is retinaculum? Give its function
21. Pisiform bone

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Sep 2013

Time: 3 Hours Max. Marks: 50 Marks

Anatomy

Q.P. Code : 1746

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. Write about the salivary glands under the following headings, (a) Enumerate the major and minor salivary glands (b) Location (c) Where do the ducts of major salivary glands open (d) Any two applied aspects
2. Write about the heart under the following heading, (a) Circulation of blood in the heart (b) Location of Mitral and tricuspid valves (c) Semilunar valves (d) The conducting system of the heart

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Histology of skeletal muscle
4. Paranasal air sinuses
5. Sympathetic nervous system
6. Pancreas
7. Ossification
8. Vermiform appendix
9. Palatine tonsil

SHORT ANSWERS 5 x 3 = 15 Marks

10. How many spinal nerves are there? Among them how many are cervical, thoracic, lumbar sacral and coccygeal spinal nerves
11. Mention three organs situated above the pelvic diaphragm
12. What are the parts of the ear
13. Name the branches of arch of aorta
14. Name the functions of superficial fascia

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Sep 2013

Time: 3 Hours Max. Marks: 50 Marks

Physiology

Q.P. Code : 1747

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. Describe the structure and events that occur at neuromuscular junction
2. Define blood pressure with its normal value. Explain the regulation of blood pressure

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Heart sounds
4. Composition and functions of saliva
5. Trace pain pathway
6. Intrinsic mechanism of coagulation
7. Spermatogenesis with factors affecting it
8. Hypoxia with example
9. Properties of skeletal muscle

SHORT ANSWERS 5 x 3 = 15 Marks

10. Phases of deglutition
11. Draw and lable ECG
12. Define GFR with its normal value
13. Functions of white blood cells
14. Functions of growth hormone

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Sep 2013

Time: 3 Hours | Max. Marks: 37 Marks

Anatomy

Q.P. Code : 1753

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 (Answer any One) 1 x 10 = 10 Marks

1. Enumerate different parts of female reproductive system. Describe the uterus in details
2. Enumerate the different parts of alimentary system. Describe the stomach in details

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

3. Pancreas
4. Pituitary gland
5. Deltoid muscle
6. Lung

SHORT ANSWERS 6 x 2 = 12 Marks

7. Femur
8. Draw a diagram of heart and label
9. Structures passing through the hilum of kidney
10. Name the cranial nerves
11. Give the branches of abdominal aorta
12. Name the bones of upper limb

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Sep 2013

Time: 3 Hours | Max. Marks: 38 Marks

Physiology

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 (Answer any One) 1 x 10 = 10 Marks

1. Describe the mechanism of blood clotting
2. Define arterial blood pressure. What are the factors determining blood pressure. How is it regulated

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

3. What is the composition and function of saliva
4. Explain the actions of growth hormone
5. Trace the pathway for pain
6. Describe the mechanism of oxygen transport in blood
7. What is immunity? Explain its types

SHORT ANSWERS 4 x 2 = 8 Marks

8. Mention four functions of skin
9. What is Myopia
10. Draw a neat diagram of neuron & label its parts
11. Enumerate two functions of estrogen

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