(45)

1676_2008_1_S43

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

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 parts of the brain stem
2. Describe the duodenum
3. Describe the female reproductive system

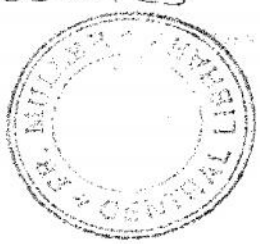
SHORT ESSAYS **8 x 5 = 40 Marks**

4. Histology of vas deferens
5. List the derivatives of endoderm
6. Endoplasmic reticulum
7. Transcription of DNA
8. Mitosis
9. Draw and label the skin
10. Osteoporosis
11. Describe the types of skeletal muscle fibrils

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

12. List the parts of a nephron
13. Give the function of the gall bladder
14. Name the broncho pulmonary segments
15. Define genotype and phenotype
16. Centriole
17. Name any two muscles of mastication
18. Killer T cells
19. Branches of the right coronary artery
20. Neuralgia
21. Placenta previa — Name the ear ossicles

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(46)

1677_2008_1_S42

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

Time: Three Hours **Max. Marks: 80 Marks**

PHYSIOLOGY & BIOCHEMISTRY - (Revised Scheme)

Q.P. CODE: 1677 & 1678

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

Use separate answer books for section A and section B

Q.P. Code: 1677 – Section A – PHYSIOLOGY (40 Marks)

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

1. Explain intrinsic and extrinsic mechanism of blood clotting
2. Draw a neat diagram of Neuro muscular junction and label its parts and explain the mechanism of transmission of nerve impulse across it

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

3. Mention the names of endocrine glands present in the body and the hormones secreted by them
4. Mention the different types of special senses present in the body and the receptors that detect them
5. What are the different functions of the kidney and draw a neat diagram of nephron and label its parts
6. Mention the functions of saliva
7. Mention the actions of testosterone

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

8. Mention any four family planning methods
9. Define cardiac output and what is the normal cardiac output
10. Name the muscles of inspiration
11. Mention any two parts of the brain and its functions
12. What is mitosis and meiosis? Where does it takes place?

Q.P. Code: 1678 – Section B – BIOCHEMISTRY (40 Marks)

Use separate answer book

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

1. Enumerate the ketone bodies. How are they formed? Give the causes for Ketosis
2. Describe the formation & fate of lactic acid in the body

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

3. Outline the importance of the amino acid – Glutamic acid
4. What are plasma proteins? Give their functions
5. Biochemical role of thiamine
6. Role of kidney in acid base balance
7. Metabolic acidosis

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

8. Clinical utility of the enzymes alkaline phosphatase & acid phosphatase
9. Night blindness - cause and prevention
10. Name two antioxidants
11. Coenzyme forms of pantothenic acid and riboflavin
12. Protein energy malnutrition

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Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

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 health & illness. Discuss role of a nurse in health care delivery system
2. State the factors that promote or inhibits effective communication. Give examples with each
3. Describe electrolyte imbalances

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

4. Importance of nursing process
5. Evaluation in nursing process
6. Normal findings of lumber puncture
7. Blood transfusion
8. Normal and abnormal characteristics of pulse
9. Techniques of forceps transfer
10. Routes of parenteral administration
11. Application of cold
12. Types of bandages
13. Progressive patient care

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

14. Asepsis
15. Convert 39°C to Fahrenheit
16. Percussion
17. Expand – tid, q8h, qid, prn
18. Topical medications
19. Narcolepsy
20. Rigor mortis
21. Fecal impaction
22. Gastric gavage
23. Nursing measures for relieving urinary retention

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(48)

1680_2008_1_S43

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

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. Define learning and explain efficient methods of memorizing
2. Define perception discuss the organization of perception
3. Explain the term motivation and explain theories of motivation

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

4. Explain usefulness of questionnaires in education
5. Discuss the role of punishment and incentives in education
6. What is a concept how is it developed?
7. What do you mean by transfer of training? Describe some modern theories of transfer of learning
8. Explain experimental method in psychology
9. Bring out the similarities and differences between introspection and observation
10. What is thinking? Describe the types of thinking
11. Explain the characteristics of an effective teacher
12. Explain Piaget and Bruner's contribution in concept formation
13. Importance of personality in nursing profession

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

14. Habit interference
15. Fluctuation of attention
16. Sensation and perception
17. Projection
18. Trial and error
19. James – Lange theory
20. Attitude
21. Case history method
22. Errors in thinking
23. Educational psychology

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(49)

1681_2008_L-849

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

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 nematodes. Describe the life cycle and laboratory diagnosis of an ankyostoma cuodenale (hook worm)
2. Draw a neat diagram of human immuno deficiency virus. Write briefly on the laboratory diagnosis of HIV infection
3. Describe the pathogenecity laboratory diagnosis and prophylaxis against diphtheria

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

4. Differences between exotoxins and endotoxins
5. Standard tests for syphilis (STS)
6. Clostridium tetanus
7. Significant bacteriuria and its significance
8. Bacterial spore
9. MMR vaccine
10. Passive immunity
11. Life cycle of enterobius vernicularis
12. Classification of bacteria
13. Candida albicans

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

14. Define definitive host and intermediate host
15. Cyclops
16. Name 4 RNA viruses
17. Negri body
18. Name 4 media for cultivation of bacteria
19. Name 2 zoonotic bacterial diseases
20. Name 2 viruses causing diarrhea
21. Name 2 biological vectors and the disease transmitted by them
22. Bile stained ova in stool
23. L.D bodies

DR. MGUHS CENTRAL LIBRARY

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1682_2008_1_S41

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

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. What do you mean by water pollution? Mention the water borne diseases. Discuss the methods of water purification in small scale measures and your advice to community on water sanitation
2. Define Epidemiology. Explain the uses of epidemiology in community health. Discuss the role of community health nurse during our epidemic
3. What is the meaning of malnutrition? List the causes of malnutrition and preventive measures of malnutrition. Enumerate the role of nurse nutritional assessment and management of child with malnutrition

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

4. Appropriate technology
5. Community health centre
6. Medical care problems
7. Local dials
8. Housing standards
9. Purification of water by rapid sand filters
10. Principles of health education
11. Borehole latrine
12. Sepic tank
13. Effects of temperature on health

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

14. Xerophthalmia
15. Zoonosis
16. Food standards
17. Pernicious anaemia
18. Sources of water pollution
19. Incubation period
20. Iceberg phenomena
21. Vector born diseases
22. Notification
23. Passive immunity

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51

1683 2008 I_S15

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – March / April 2008

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 family and write its functions
2. Indian caste system. Discuss
3. Features of village community in India

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

4. Merits and demerits of joint family
5. Characteristics of culture
6. Health consequences of prostitution
7. Features of urban community
8. Changes in the modern family
9. Norms and values
10. Importants of socialization
11. Accommodation and assimilation
12. Difference between society and community
13. Tribal society

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

14. Fashion
15. Nuclear family
16. Conflict
17. Drug addiction
18. Social mobility
19. Child abuse
20. Define sociology
21. Cultural diffusion
22. Endogamy
23. Crowd

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(S2)

1676_2008_2_S49

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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**

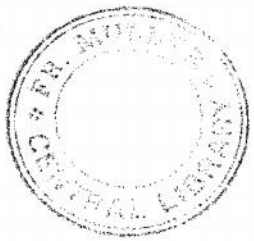
1. Describe the urinary bladder
2. Name the parts of the respiratory system. Describe the right lung in detail
3. Describe the pituitary gland and its functions

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

4. Suprarenal gland
5. Prostate
6. Supports of uterus
7. Name the parts and features of large intestine
8. Microscopic structure of duodenum
9. Vermiform appendix
10. Veins of the heart
11. Pleura

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

12. Thoracic duct
13. Ductus deferens
14. Name the parts of fallopian tube
15. Name the cranial nerves in order
16. Name the functions of thalamus
17. Name the features of a vertebra
18. Apex beat
19. Sternocleidomastoid
20. Name the types of cartilages
21. Name the ligaments of knee joint



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Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

Time: Three Hours **Max. Marks: 80 Marks**

PHYSIOLOGY & BIOCHEMISTRY - (Revised Scheme)

Q.P. CODE: 1677 & 1678

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

Use separate answer books for section A and section B

Q.P. Code: 1677 – Section A – PHYSIOLOGY (40 Marks)

1 x 10 = 10 Marks

LONG ESSAYS (Answer any One)

1. What are the different types of blood groups present in the human beings? What is the basis of Blood grouping and what are the complications of mismatched blood transfusion and what are the precautions we must take before blood transfusion
2. Mention the different parts of Gastro intestinal tract with the help of a diagram and briefly explain its functions

4 x 5 = 20 Marks

SHORT ESSAYS (Answer any Four)

3. Mention any four hormones produced by the anterior pituitary gland and mention its actions
4. What are the different methods of artificial respiration, explain any one of them
5. What are the different parts of a neuron, show it by a neat diagram? What is meant by saltatory conduction of nerve impulse
6. Define blood pressure. What is the normal blood pressure? What is the danger of high blood pressure and low blood pressure?
7. Mention the different refractive errors of the eye and explain any one of them with a diagram

5 x 2 = 10 Marks

SHORT ANSWERS

8. What is cyanosis and jaundice?
9. What is the normal body temperature and mention any one condition that decreases body temperature
10. What is meant by active transport and passive transport across the cell membrane
11. Mention any four hormones of anterior pituitary
12. What is meant by ovulation? Which is the hormone responsible for ovulation?

Q.P. Code: 1678 – Section B – BIOCHEMISTRY (40 Marks)

Use separate answer book

1 x 10 = 10 Marks

LONG ESSAYS (Answer any One)

1. Outline the important functions of vitamin B6. Give their clinical importance
2. What is β-oxidation? Describe the steps. Give the energetics for the oxidation of palmitic acid

4 x 5 = 20 Marks

SHORT ESSAYS (Answer any Four)

3. What is phenylketonuria? Give its manifestations & tests for diagnosis
4. Outline the importance of the HMP shunt pathway
5. Give the degradation of glycogen and its regulation
6. Metabolic acidosis
7. Name the ketone bodies. Give their formation & fate

5 x 2 = 10 Marks

SHORT ANSWERS

8. Name the catecholamines, and the aminoacid from which they are synthesized
9. Give two enzymes used clinically for hepatic disease
10. Beri-Beri is caused by what deficiency. Give its daily requirement
11. Name two basic amino acids and two unsaturated fatty acids
12. Tests for the detection of ketone bodies in urine

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Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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) Is nursing a profession
   b) Discuss the characteristics and qualities of a professional nurse
2. a) Define admission
   b) Explain in detail types and procedure of admission
3. a) State the general principles of drug administration
   b) Discuss briefly different methods of drug administration

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

4. Health care levels
5. Maslow's hierarchy of needs
6. Constipation and its management
7. Feeding helpless patient
8. Care of patient's unit
9. Team nursing
10. Positioning and its types
11. Fluid and electrolyte balance
12. Care of the terminally ill
13. Principles of communication

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

14. First aid
15. Sites of recording temperature
16. Auscultation
17. Isolation
18. Intake and output chart
19. Thoracentesis
20. Condom drainage
21. Traction
22. Paralysis
23. Evaluation step in nursing process

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1680_2008_2_S46

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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 meaning and scope of educational psychology
2. Define emotion and explain the theories of emotion
3. Discuss the role of heredity and environment in causing individual differences

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

4. Explain thorndike theory of trial and error learning and their educational implications
5. Describe introspection as a method of educational psychology with its merits and demerits
6. Write a short note on projective technique
7. Explain the factors that influence the personality of a person
8. Define intelligence. Explain different tests of intelligence
9. Briefly explain Maslow's theory of hierarchy of needs
10. Explain the causes of forgetting
11. Briefly explain about teacher learner relationship
12. Write a note on formation of attitude
13. Explain the factors influencing attention

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

14. Positive transference
15. Extinction
16. Schedules of reinforcement
17. Define personality
18. Branches of psychology
19. Mnemonics
20. Rationalization
21. Drive and motive
22. Body and mind relation
23. Extra sensory perception

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1681_2008_2_S48

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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. List the mycobacteria of medical importance. Describe the laboratory diagnosis of pulmonary tuberculosis. How is the disease prevented in the community
2. Define nosocomial infections. Enumerate the bacteria causing nosocomial infections. What are the steps taken to control such infections
3. List the viruses causing hepatitis. Write briefly on the laboratory diagnosis of hepatitis B virus. Add a note on it's prophylaxis

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

4. Differences between bacteria and viruses
5. Aetiology and pathogenesis of filariasis
6. Candida albicans
7. Bacterial growth curve
8. Bacterial exotoxin
9. Flagella
10. Life cycle of entamoeba histolytica
11. Laboratory diagnosis of Diphtheria
12. Life cycle of taenia saginata
13. Mumps

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

14. List four sexually transmitted viral infections
15. List four nematodes seen in intestine
16. Define zoonosis. Give two examples of zoonotic infections
17. Define inclusion body. Give two examples of viral inclusion bodies
18. Enterotoxigenic Eschcoli
19. Define Iatrogenic infection
20. Define biological vectors and give two examples
21. Diagram of IgG
22. Uses of an autoclave
23. Casoni test

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1682_2008_2_S46

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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. Explain the contents and principles of health education and discuss the role of nurse in planning and implementing health education in community
2. Define Epidmeiology. Explain the dynamics of disease transmission. Describe the different levels of prevention with reference to malnutrition in community
3. List the health hazards due to improper disposal of excreta, and discuss various methods of disposal of human excreta

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

4. Equitable distribution
5. Composting
6. Population problems
7. Chlorination of water
8. Sources of water
9. Requirements of good lighting
10. Cohort study
11. Health care levels
12. Active immunity
13. Health status of India

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

14. Epidemiological triad
15. Disease eradication
16. Pandemic
17. Thiamine deficiency
18. Obesity
19. Community health team
20. Define primary health care
21. Village health guide
22. Criteria for healthful house
23. Flash cards

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CENTRAL LIBRARY

(58)

1683_2008_2_S42

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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 change and explain the factors of social change
2. Define family and describe the change in the functions of modern family
3. Discuss cultural factors in health and diseases

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

4. Types of social control
5. Importants of socialization
6. Merits and demerits of joint family
7. Society is web of social relationship. Discuss
8. Features of industrial society
9. Marriage & family problems in India
10. Demerits of caste system in India
11. Culture and its characteristics
12. Problems of working women
13. Consequences of over population

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

14. Ascribed status
15. Define sociology
16. Plolyandry
17. Three generation family
18. Competation
19. Urbanization
20. Aids
21. Problems of the elderly
22. Ill effects of prostitution
23. Crowd and public

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1746_2008_2_S'02

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Sept / Oct 2008

Time: Three Hours **Max. Marks: 100 Marks**

ANATOMY & PHYSIOLOGY

(Revised Scheme – 2)

Q.P. CODE: 1746 & 1747

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

Use separate answer books for section A and section B

Q.P. Code: 1746 – Section 'A' - Anatomy (50 Marks)

LONG ESSAYS **1 x 10 = 10 Marks**

1. Explain in detail the gross structure of liver

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

2. Midbrain
3. Spleen
4. Spongy bone
5. Innominate bone
6. Thoracic duct

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

7. Sublingual gland
8. Otic ganglion
9. Wharton's Jelly
10. Name six carpal bones
11. Name the hamstring muscles

Q.P. Code: 1747 – Section 'B' - Physiology (50 Marks)

Use separate answer book

LONG ESSAYS **1 x 10 = 10 Marks**

1. In detail explain the control and regulation of blood pressure

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

2. Micturition reflexes
3. Mechanism of blood coagulation
4. Functions of growth hormones
5. ECG curve
6. ESR

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

7. Refractive errors of eye
8. Functions of Granucocytes
9. Functions of testosterone
10. Functions of skin
11. Movements of intestine

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(60)

1748 2'08 2_S 01

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Sept / Oct 2008

Time: Three Hours **Max. Marks: 100 Marks**

NUTRITION & BIOCHEMISTRY

(Revised Scheme – 2)

Q.P. CODE: 1748 & 1749

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

Use separate answer books for section A and section B

Q.P. Code: 1748 – Section 'A' - Nutrition (60 Marks)

LONG ESSAYS **1 x 10 = 10 Mark**

1. Discuss the various methods of cooking and its effects on nutrients. How can you preserve th nutrients while cooking the foods?
2. Discuss proteins under the following heading:
   a) Classification b) Dietary sources and requirements c) Functions d) Deficiency

SHORT ESSAYS **5 x 5 = 25 Mark**

3. Define food adulteration. What are the various food adulterants commonly found in foods and how can it be prevented?
4. Discuss the digestion and absorption of carbohydrates
5. C.F.T.R.I
6. Short notes on pressure cooking and simmering
7. Write the functions and imbalance of sodium in the body

SHORT ANSWERS **5 x 3 = 15 Mark**

8. Various food standards used to ensure food quality
9. Rickets
10. What are macronutrients? Write its calorific value
11. Clear liquid diets
12. Functions of fat in the body

Q.P. Code: 1749 – Section 'B' - Biochemistry (40 Marks)

Use separate answer book

LONG ESSAYS **1 x 10 = 10 Ma**

1. Describe the sources, biochemical functions normal requirements and deficiency manifestation of thiamine

SHORT ESSAYS **5 x 5 = 25 Mark**

2. Classify enzymes, give examples of each class
3. Hameostasis of blood calcium
4. Hexose manaphosphate shunt and its significance

SHORT ANSWERS **5 x 3 = 15 Mark**

5. Bile salts in urine
6. Polysaccharides
7. Metabolic role of zinc
8. Pyruvate dehydrogenase enzyme complex
9. Normal levels of a) Glucose b) Uric acid and Creatinine in blood

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(61)

1750_2008_2_S101

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Sept / Oct 2008

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 **2 x 10 = 20 Marks**

1. Define nursing process. Explain various steps of nursing process in detail.
2. Define profession. Characteristics of a profession. List out the categories of nursing personnel

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Types of admission procedures
4. Physiological needs
5. Types of urinary catheters and there purposes
6. Barrier nursing
7. Types of medications with examples
8. Care of wound drainage
9. Management of hypo thermia
10. Assessment of self care ability
11. Types of pain
12. Care of dying patient

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Code of conduct for nurses
14. Methods of effective communication
15. Difference between medical and nursing diagnosis
16. Characteristics of records
17. Principles of body mechanics
18. Factors affecting and promoting sleep
19. Nursing interventions for impaired mobility
20. Factors influencing oxygenation
21. Advanced techniques in parentaral therapies
22. Autopsy

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1751_2008_2_S.01

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Sept / Oct 2008

Time: Three Hours **Max. Marks: 100 Marks**

PSYCHOLOGY
(Revised Scheme 2)
Q.P. CODE: 1751

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. Define learning. Briefly explain the theories of learning
2. Define personality. Elucidate the theories of personality

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Organization of perception
4. Theories of emotion
5. Theories of motivation
6. Theories of intelligence
7. Discuss the internal and external factors responsible for attention
8. How do you assess the personality of an individual?
9. Pick up the methods of psychology relevant to study an individual
10. Bring out the biological behaviour of an individual
11. Discuss the concepts of mental hygiene and health
12. Put forward the relevance of psychology to nursing

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Perception
14. Sensation
15. Attention
16. Motivation
17. Attitude
18. Learning by insight
19. Thinking
20. Reasoning
21. Forgetting
22. Types of thinking

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(63) (31)

1752_2008_2_S102

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Sept / Oct 2008

Time: Three Hours **Max. Marks: 100 Marks**

MICROBIOLOGY
(Revised Scheme 2)

Q.P. CODE: 1752

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis
2. Define infection. Describe the different modes of transmission of infection

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Significant bactiriuria
4. Standard tests for syphilis
5. Bacterial capsule
6. Dermatophytes
7. Stool examination for parasitic ova and cysts
8. Asexual cycle of plasmodium vivax
9. Prophylaxis against poliomyelitis
10. Transport media
11. Antibiotic sensitivity testing
12. Acid fast staining

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Passive immunity
14. Classification hypersensitivity
15. Pasteurization
16. Malignant pastule
17. Bacterial filters
18. Diagram of HIV virus
19. Treponema pallidun
20. Trichomonas vaginalis
21. List three diseases transmitted mosquitoes
22. List three zoonotic diseases

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