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1702_2011_1_S183

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1702

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 is sociology? Discuss the importance of sociology in nursing profession
2. Define social process. Explain the functional significance of co-operation and competition
3. Define social change. Discuss briefly the various factors of social change

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

4. Socialization
5. Cultural lag
6. Joint family
7. Problems of Dowry system
8. Negative role of caste
9. Forms of social control
10. Classification of social group
11. Role and status
12. Consequences of poverty
13. Health problems of rural community

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

14. Crowd and mob
15. Social mobility
16. Nuclear family
17. Social medicine
18. Endogamy and exogamy
19. ArigsatOral stage of socialization
20. Individual disorganization
21. Juvenile delinquency
22. Isolation
23. Accommodation

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1703_2011_1_S184

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

GROWTH AND DEVELOPMENT INCLUDING REPRODUCTIVE AND CHILD HEALTH (Revised Scheme)

Q.P. CODE: 1703

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) Explain the physiological and psycological changes in old age
   b) Discuss health problems and health needs of elderly
2. Discuss the development of secondary sexual characteristics in adolescence and the changes taking place in both male and female adolescent
3. Describe sings and symptoms and diagnosis of pregnancy

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

4. Involution of uterus
5. Antenatal services available at the community level
6. Normal newborn care
7. Breast feeding
8. Appraisal of the premature infant
9. Social and emotional development of pre – schooler
10. Emotional preparation for success in school
11. Vocational adjustment of adulthood
12. Food habits and practices in India
13. Classification and functions of nutrients

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

14. Toilet training
15. Artificial feeding
16. Still birth
17. Weaning
18. Stages of labour
19. Female pelvis
20. Gametogenesis
21. Proteins
22. Colostrum
23. Apgar score

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1704_2011_1_S262

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1704

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 sources of infection and give an account of hospital borne infections their development and control
2. Describe fthe morphology, culture, pathogenicity and laboratory diagnosis of corynebacterium diphtheriae
3. Describe the morphology of a bacterial cell with the help of a neat diagram with labeling. Write in detail about bacterial capsule

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

4. Cultivation of viruses
5. Lab diagnosis of Enteric fever
6. Autoclave
7. Selective media with examples
8. Varicella – zoster virus
9. Ascaris lumbricoides
10. Write a note on "Koch's postulates"
11. Negative staining – principle and procedure
12. Treatment method of biomedical wastes
13. Write a note on carriers

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

14. Write any two transport media
15. Diagram of a HIV virus with labeling
16. Name any two water borne diseases
17. Name any two alcohols used a disinfectants
18. Louis Pasteur
19. Name any two bacteria that cause food poisoning
20. Monotux test
21. Negri bodies
22. Name any tow DNA viruses
23. BCG vaccine

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1705_2011_1_S222

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

ANATOMY & PHYSIOLOGY

Q.P. CODE: 1705 & 1706

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: 1705 – Section A – ANATOMY (40 Marks)

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

1. Name the parts of digestive system. Describe the tongue in detail
2. Classify tissues. Describe different types of epithelial tissues

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

3. Thymus
4. Larynx
5. Thyroid gland
6. Endometrium of uterus
7. Gluteus maximus muscle

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

8. Long saphenous vein
9. Whit fibro cartilage
10. Lysosomes
11. Name the parts of a vertebra
12. Name the different parts of ear

Q.P. Code: 1706 – Section B – PHYSIOLOGY (40 Marks)

Use separate answer book

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

1. Define cardiac cycle. Describe mechanical events during cardiac cycle
2. Describe steps involved in urine formation

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

3. Explain intrinsic mechanism of coagulation. Add a note on haemophilia
4. Describe the mechanism of inspiration and expiration during quiet breathing
5. Describe functions of stomach
6. Enumerate functions of growth hormone. Add a note on acromegaly
7. Draw neat labelled diagram of juxta glomerular apparatus and enumerate its functions

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

8. Milk ejection reflex
9. Manual method of artificial respiration
10. Any two actions of secretin
11. Draw labelled diagram of ECG
12. Give normal values of GFR and RBF

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1707_2011_1_S263

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

CONCEPTS & COMPONENTS OF NURSING
(Revised Scheme)

Q.P. CODE: 1707

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 changing concepts of health care delivery system
2. Explain community as a patient: the patient as a person
3. Define profession. Is nursing a profession? Justify

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

4. Principles of interpersonal relationships
5. Communication process
6. Records and reports in nursing
7. Steps in problem solving process
8. Scientific principles in nursing
9. Man as a bio psycho – social being
10. Cultural effects on behavior
11. Principles of rehabilitation
12. Stress and illness
13. Man and environment

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

14. Define nursing
15. Conceptual model
16. Nurse –family relationship
17. Importance of observation
18. Communication with deaf
19. Interview technique
20. Sciences principles
21. Basic human needs
22. Stigma
23. Progressive patient care

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

Time: Two Hours **Max. Marks: 35 Marks**

NUTRITION AND DIETETICS
(RS–3 & RS-4)

Q.P. CODE: 1732

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

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

1. a) Define Community Nutrition
   b) Explain the need for community nutrition programme
2. a) What are the nutritional needs of a pregnant woman
   b) Plan a menu for a patient with Diabetes

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

3. Deficiencies of vitamins
4. Body building food
5. Under nutrition
6. Planning diet for lactating mother

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

7. Steaming
8. Food preservation
9. Vegetable soup
10. Balanced diet
11. Functions of Vit. B12

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

PSYCHOLOGY
(RS–3 & RS-4)

Q.P. CODE: 1734

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 experimental method with its merits and demerits
2. Define intelligence. Explain how intelligence can be measured
3. Explain the role of attitudes in health and sickness

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

4. Case history method
5. Social motives
6. Characteristics of perception
7. Personality in sickness
8. Psychological needs of children
9. Operant conditioning
10. Distribution of intelligence
11. Development of attitude
12. Defense mechanism

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

13. Attention
14. Stress
15. Self actualization
16. Sympathy
17. Ego
18. Chromosomes
19. Insightful leraning
20. Mnemonics
21. Mental health
22. Attitude

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

MICROBIOLOGY
(RS–3 & RS-4)

Q.P. CODE: 1735

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 pathogenesis, clinical features and laboratory diagnosis of poliomyelitis
2. Define immunity classify immunity write in detail on innate immunity
3. List the various physical methods of sterilization. Discuss the principle and uses of sterilization by autoclave

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

4. Type I hypersensitivity
5. Widal test
6. Gram's staining
7. Bacterial spore, diagram & description
8. Candida albicans
9. ELISA and its uses
10. Different treatment methods of biomedical wastes
11. Bacillary dysentery
12. Syphilis

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

13. Name two methods of pasteurization
14. Name any two viral sexually transmitted diseases
15. Draw a neat diagram of Trichomonas vaginalis
16. Draw a neat labelled diagram of bacterial flagella
17. M M R vaccine
18. RNTCP
19. Name any two biological vectors
20. Name any two Zoonotic diseases
21. Mention any two selective media & two differential media
22. Tyndalisation

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

MATERNAL NURSING
(RS–3 & RS-4)

Q.P. CODE: 1736

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 puerperal sepsis (b) List down the causes, signs and symptoms of puerperial sepsis (c) How will you manage a women with puerperial sepsis
2. a) Define fibroidvterus (b) Enumerate the causes of fibroid uterus (c) Explain the medical and surgical management of fibroid uterus
3. Mrs. Kavitha, a primigravid mother is admitted with profuse bleeding per vagina. A diagnosis of abruptio placenta is made. Explain the clinical features of abruption placenta. What are the complications of abruption placenta? What are the treatment modalities of Mrs. Kavitha (a) Define abruptio placenta (b) Describe the clinical features of abruption placenta (c) List down the complications of abruption placenta (d) Discuss the management of abruptio placenta

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

4. Small for date babies
5. PJanned parenthood
6. Uterine inertia
7. Effect of anemia on child bearing
8. Universal precaution
9. Characteristics of vesicular mole
10. Nursing management of preterm neonate
11. Pre – requesites for forceps delivery
12. Intra uterine contraceptive devices

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

13. Compound presentation
14. Trial labour
15. Syphilis in pregnancy
16. Infant mortality
17. After pains
18. Homan's sign
19. Let down reflex
20. Shoulder dystocia
21. Deep transverse arrest
22. Ophthalmia neonatrum

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

CHILD HEALTH NURSING
(RS–3 & RS-4)

Q.P. CODE: 1737

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. Three year old child is admitted with pneumonia
   a) List the causes of pneumonia
   b) Discuss the care of the same child
2. Explain the growth and development of an adolescent
3. A 9 month old infant is diagnosed with congenital megacolon
   a) List the diagnostic tests to be performed
   b) Discuss the management of a child with congenital megacolon

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

4. Rehabilitation of mentally handicapped child
5. Chemotherapy in leukemia
6. Care of the unconscious child
7. Iron deficiency anemia
8. Diet in nephrotic syndrome
9. Phototherapy
10. Blood collection in infants
11. Prevention of cross infection in paediatric ward
12. Role of a paediatric nurse in caring for a hospitalized child

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

13. Types of equipments used for oxygen administration in children
14. Feeding a baby while in incubator
15. Two principles of growth and development
16. Aims of underfive clinic
17. Post BCG reactions
18. Passive immunity
19. Pulse polio aims
20. Small for gestational age
21. Four common neonatal disorders
22. Montoux test

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

MEDICAL SURGICAL NURSING
(RS–3 & RS-4)

Q.P. CODE: 1738

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. Mrs. Shabana is suffered with ulcerative colitis
   a) List the clinical features of ulcerative colitis
   b) Write in detail about nursing management of Mrs. Shabana
2. Mr. John is suffering with hepatitis – B admitted in medical card
   a) List the clinical features of hepatitis - B
   b) Write in detail about nursing care and precautionary measures to take against heapatitis – B infection
3. Differentiate between Begin and Malignant tumors. Discuss the different treatment modalities for benign and malignant tumors

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

4. Pulmonary embolism
5. Malabsorption syndrome
6. Diet plan for chronic renal failure
7. Goiter
8. Hypertensive crisis
9. Anaemia
10. Deafness
11. Retinal detachment
12. Otitis media

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

13. Pruritus
14. Menier's syndrome
15. Osteomalasia
16. C O P D
17. Fever
18. Incontinence
19. Aneurysm
20. Sequestrum
21. Allograft
22. Hemetochezia

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

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

BIOCHEMISTRY & BIOPHYSICS (RS–3 & RS-4)

Q.P. CODE: 1739 & 1740

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: 1739 – Section A – BIOCHEMISTRY (38 Marks)

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

1. Mention the normal Random blood sugar levels. Discuss the hormonal regulation of blood glucose levels
2. Discuss the biosynthesis of fatty acids

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

3. Phospholipids
4. Essential aminoacids
5. Structure and functions of t- RNA
6. Glucose tolerance test (GTT)
7. Factors affecting enzyme activity

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

8. Micelle
9. Endoplasmic reticulum
10. Hypoglycemia
11. Give the normal serum levels of (a) Urea (b) Creatinine

Q.P. Code: 1740 – Section B – BIOPHYSICS (37 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) **1 x 9 = 9 Marks**

1. Define contre of gravity? Describe the application of gravity in nursing
2. Describe the biological effects of light. Explain any two applications of principles of light in nursing

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

3. Explain the forces of the body
4. How the body temperature is regulated? Explain
5. What are eye defects? How they are corrected
6. Explain vocalization and hearing
7. Write notes on electricity and human body

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

8. Define density and specific gravity
9. Distinguish between atmospheric pressure and hydrostatic pressure
10. Define electrical resistance and write its unit
11. What are alpha and beta particles

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