Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2019

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

Medical Surgical Nursing – I
(Revised Scheme)
Q.P. CODE: 1685

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 pathophysiology of Hypertension.
   b) Discuss nursing and Dietary management of patient with Hypertension.

2. a) Discuss causes of Intestinal obstruction.
   b) Discuss with management of patient with a permanent colostomy.

3. a) Discuss the types of renal calculi.
   b) Describe the health teaching to prevent renal calculi.

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

4. Principles of Intensive Care.
5. Iron deficiency anaemia.
6. Undescended Tests.
7. Diabetes Insipidus.
8. Addison's Disease.
9. Complications of Haemorrhoids.
10. Hemodialysis.
11. Anti-Cancer Drugs
12. Pathophysiology of Fracture.
13. Pre-operative teaching.

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

14. Breast Self examination.
15 Lichen planus.
16. Pharyngitis.
17. Thrombo Angitis Obliteran's
18. Emergency Drugs.
19. Diabetic Neuropathy.
20. Epididymitis.
21. Causes of Ulcerative Colitis.
22. Greenstick Fracture.
23. Vagotomy.

Rajiv Gandhi University of Health Sciences, Karnataka

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II Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2019

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

Community Health Nursing – I
(Revised Scheme)
Q.P. CODE: 1686

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 community health nursing process in detail.
2. List the goals and objections of National Family Welfare Programme and discuss the role of community health nurse in family welfare programme.
3. Write the importance, purposes and principles of records and reports and explain the role of community health nurse in recording and reporting.

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

4. Write the characteristics of a mentally healthy person.
5. Explain family as a unit of community health services.
6. Write the steps of home visiting.
7. Explain safe motherhood.
8. Briefly explain primary health centre.
9. Describe demography and its stages.
10. Explain the importance of clothing and exercises.
11. MTP Act
12. Explain the role of nurse in reproductive and child health programme.
13. Describe community health centre.

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

14. Write about personal hygiene.
15 Mention the staffing pattern of sub centre.
16. Write the meaning of eligible couple.
17. What are the different types of nursing assessment?
18. Write the meaning of safe period.
19. Mention any four advantages of intra uterine device.
20. List the functions of Anganwadis.
21. What is community survey?
22. Mention mode of action of oral pills.
23. Write the difference between tubectomy and vasectomy.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2019

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

GROWTH & DEVELOPMENT INCLUDING NUTRITION

(Revised Scheme)

Q.P. CODE: 1687

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 growth and development.
   b) Discuss on the factors affecting Growth and development. (2+8)
2. Define Nutrition. Explain the factors influencing food habits and selection of food
3. Write about types, sources, requirement and deficiency of proteins

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

4. Development tasks of preschooler
5. Factors influencing fetal development
6. Planned parenthood
7. Freud's stages of development
8. Vitamins
9. Food storages and preservation
10. Guidance during adolescent period
11. Special problems of adolescence in society
12. Food pattern and its relation to health
13. Recreational and vocational interest

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

14. Problems of adulthood
15 Psychosocial development of an infant
16. Toilet training
17. Clear Fluids
18. Sibling rivalry
19. Fine motor development
20. Types of Minerals
21. Sources of Vitamin A
22. Weaning
23. Rickets and its prevention.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL-2019

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

Medical Surgical Nursing – I
Q.P. CODE: 1761

(RS2 Batch 2007-2008) & (RS3 & RS4 Batch 2008-2009 Onwards)
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 and classify Anemia
   b) Explain the etiological factors, clinical manifestations and management of Iron deficiency of Anemia
   c) Describe the role of nurse in prevention of Iron deficiency anemia
2. a) Explain the etio pathophysiology and clinical manifestations of Pulmonary Tuberculosis
   b) Describe the diagnostic measures and medical management of Pulmonary Tuberculosis
   c) Describe the role of nurse in Prevention of Pulmonary Tuberculosis
3. Mr. Suresh is diagnosed with colorectal cancer and is posted for Colostomy
   a) Define the term 'Ostomy'.
   b) List the types of Ostomies
   c) Explain the Postoperative management of Mr. Suresh with colostomy

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

4. Explain the Pathophysiology of Acute inflammatory process.
5. Describe the Management of client with Acute Renal Failure.
6. Explain the different treatment modalities for fracture.
7. Define myocardial infarction and discuss the nursing management of a patient with acute myocardial infarction.
8. Explain the Pathophysiology and management of Nephrotic Syndrome.
9. Describe the management of client after amputation
10. Describe the acute and Chronic Complications of Diabetes mellitus.
11. Explain the causes and management of psoriasis.
12. Explain the Drug Therapy for HIV infection.

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

13. List the methods of Prevention of Hepatitis B
14. Differentiate between Disinfection and Sterilization
15. List the Complications of Valve replacement Surgery
16. What is Paget's disease?
17. Name the specific blood investigations to rule out typhoid fever.
18. List the clinical features of Myxedema
19. What is acne vulgaris?
20. What is Cardiopulmonary Resuscitation
21. Define Hemorrhoids
22. List the clinical manifestations of Cushing's syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL-2019

Time: 3 Hours **Max. Marks: 38 Marks**

Pharmacology

Q.P. Code: 1762

(RS2 Batch 2007-2008) & (RS3 & RS4 Batch 2008-2009 Onwards)
Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary
(Note: Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. Enumerate general anaesthetics. Write the pharmacological actions, uses and adverse effects of halothane.
2. Classify the drugs used in tuberculosis. Mention the therapeutic uses and adverse effects of streptomycin.

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

3. Potassium sparing diuretics
4. Bronchodilators
5. Uses of beta-blockers
6. Tetracyclines
7. Chlorpromazine

SHORT ANSWERS **4 x 2 = 08 Marks**

8. Mention one therapeutic use (clinical condition) & one important adverse effect of Atorvastatin.
9. Mention one therapeutic use (clinical condition) & one important adverse effect of sodium valproate.
10. Mention one therapeutic use (clinical condition) & one important adverse effect of metronidazole.
11. Mention one therapeutic use (clinical condition) & one important adverse effect of heparin.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL-2019

Time: 3 Hours **Max. Marks: 37 Marks**

Pathology & Genetics

Q.P. Code: 1763

(RS2 Batch 2007-2008) & (RS3 & RS4 Batch 2008-2009 Onwards)

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. What is wound healing? Describe the stages and factors effecting wound healing.
2. Describe the etiopathology and complications of tuberculosis.

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

3. Peptic ulcer.
4. Blood grouping.
5. Semen analysis.
6. Benign and malignant tumors.

GENETICS (12 Marks)

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

7. What is Trisomy? Give two examples.
8. What is Infertility?
9. Goals of Human genome project.
10. Define chromosomal aberrations.
11. Name any three clinical features Huntington's disease.
12. Define genetic counselling and two steps taken during the process.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL-2019

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

Community Health Nursing – I

Q.P. CODE: 1764

(RS2 Batch 2007-2008) & (RS3 & RS4 Batch 2008-2009 Onwards)

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 Community Health Nursing.
   b) Describe the various determinants of health. (2+8)
2. a) Define demography.
   b) Describe the methods of data collection, analysis and its presentation. (2+8)
3. a) What are the methods of family planning?
   b) Briefly explain on laparoscopic sterilization. (5+5)

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

4. General measures to promote health
5. List the water borne diseases and its prevention.
6. Food Adulteration Act
7. Uses of epidemiology
8. Women empowerment
9. Intrauterine contraceptive devices
10. Housing standards
11. Epidemiology of H_1N_1
12. Control of rodents

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

13. Define Zoonosis.
14. List common arthropod infections.
15. Define Immunity.
16. Define Epidemic.
17. List four health problems of children.
18. Define Communication.
19. Prevention of Anemia
20. List four health problems of elderly
21. Importance of Rain Water Harvesting
22. Modifiable risk factors of hypertension

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL-2019

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

Communication and Educational Technology

Q.P. CODE: 1765

(RS2 Batch 2007-2008) & (RS3 & RS4 Batch 2008-2009 Onwards)

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 Education.
   b) What are the aims and functions of education? (2+4+4)
2. a) Define Educational objectives.
   b) Explain Blooms Taxonomy of educational objectives. (2+8)
3. a) Classify audiovisual aids.
   b) Over head projector as an audiovisual aid in nursing (4+6)

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

4. Explain the communication process
5. Bedside clinic
6. Explain the criteria for selection of assessment techniques and methods
7. Multiple Choice Questions (MCQs)
8. Any two philosophy of education
9. Purposes and steps of lesson planning
10. Qualities of a good teacher
11. Maxims of teaching
12. Preparation and uses of charts

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

13. Bulletin board
14. Objective structure clinical examination
15. Team work
16. Guidance and Counseling
17. Advantages and disadvantages of Role play
18. Enlist any four principles of health education
19. Components of unit plan
20. Advantages of clinical teaching
21. Barriers of effective interpersonal relationship
22. Attitude scale

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2019

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

Medical Surgical Nursing – I
(Revised Scheme)
Q.P. CODE: 1685

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. X, 46 old is admitted to surgical ward with diagnosis of peptic ulcer.
   a) State the causes and clinical manifestations of Mrs. X
   b) Discuss briefly on pathophysiology changes of peptic ulcer.
   c) Write in detail on pharmacological management for peptic ulcer with nursing care plan.

2. Mr. S, 51, years old is admitted to the hospital with 55% burns.
   a) Calculate the fluid requirement for the patient for first 48hrs.
   b) List the complications of burns and plan in detail on nursing management of Mrs. S

3. Mr. Z, 58 years old is admitted to orthopedic ward with diagnosis fracture of tibia for surgery.
   a) Classify the types of fracture.
   b) Discuss the surgical approaches in treatment of fracture.
   c) Write the management of Mr. Z on plaster cast.

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

4. Explain hypertensive crisis.
5. Describe Cushing's syndrome.
6. Treatment plant for Hemorrhoids.
7. Clinical features and surgical treatment of appendicitis.
8. Clinical significance of skin grafting.
9. Role of ranitidine in GI disorders.
10. Methods of induction of anesthesia.
11. What are the treatment modalities of cancer?
12. Role of nurse in stump care.
13. Hepatitis vaccine and its use.

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

14. Define pyelitis.
15 What is Barium meal?
16. Use of pulse oxymeter.
17. List the side effects of chemotherapy.
18. Types of burns.
19. What is synovectomy?
20. Cause and treatment of Scabies.
21. What is and fissure.
22. Types of anesthesia.
23. Prevention of Diabetic foot.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2019

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

Community Health Nursing – I
(Revised Scheme)
Q.P. CODE: 1686

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 role of community health nurse in promoting personal and mental health of community.
2. Describe the community health nursing process in detail.
3. List the aims and objectives of RCH service and explain the role of nurse in RCH programme.

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

4. Discuss the importance of exercises.
5. Write the role of community health nurse in recording and reporting.
6. Explain family as a unit of community health services.
7. Describe care of an under – five child.
8. Write the principles of home visit.
9. Explain the role of nurse in family welfare programme.
10. List the functions of primary health centre.
11. Briefly write on adolescent health.
12. Explain by technique procedure.
13. Describe population explosion.

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

14. Define family planning.
15 Mention the functions of sub centre.
16. List the health services rendered by Anganwadi worker.
17. Which conditions of pregnancy can be terminated as per MTP act?
18. Define eligible couple.
19. Define the characteristics of a mentally healthy person.
20. List any four guidelines for performing terminal methods of family planning.
21. List any four criteria for writing records.
22. Write the meaning of pulse polio programme.
23. Mention any four advantages of condom.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2019

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

GROWTH & DEVELOPMENT INCLUDING NUTRITION

(Revised Scheme)

Q.P. CODE: 1687

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 Growth and Development.
   b) Discuss in detail the factors influencing growth and development.
2. a) Define balanced diet.
   b) Discuss in detail the steps in planning balanced diet for a pregnant woman.
3. a) Explain functions, sources, requirement and deficiencies of Carbohydrates

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

4. Erickson's theory
5. Food adulteration and its prevention.
6. Purposes and methods of cooking.
7. Physiology and psychological changes affecting old age.
8. Physical development of an infant
9. Reflexes of newborn.
10. Vitamin D.
11. Sex education.
12. Extra uterine adaptation of newborn after birth
13. Problems of adulthood.

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

14. Enuresis.
15 Anorexia Nervosa.
16. Fluid diet.
17. Weaning.
18. Sources of Vitamin C.
19. Micronutrients.
20. Empty nest syndrome.
21. Needs of Toddler.
22. Phallic stage.
23. Colostrum

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCT-2019

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

SOCIOLOGY
(RS2, RS3 & RS4)
Q.P. CODE: 1760

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

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

1. Explain various legislations on Indian marriage and family.
2. Discuss the concept of poverty. Explain in detail various programmes to curb poverty.

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

3. Throw light on significance of Sociology in nursing.
4. Explain the characteristics of primary group.
5. Explain the social consequences of overpopulation.
6. Discuss National Population Policy.
7. Explain the merits and demerits of caste system.
8. Explain urbanization and its impact on health.
9. Explain the technological factors of social change.

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

10. Define anticipatory socialization.
11. Define cultural diffusion**.**
12. Define assimilation.
13. What is ascribed status?
14. Define race.
15. Define urban community.
16. Define role.
17. List the formal means of social control.
18. Differentiate folkways and mores.
19. List two health effects of alcoholism.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCT-2019

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

Medical Surgical Nursing – I
(RS2, RS3 & RS4)
Q.P. CODE: 1761

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

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

1. a) Define hernia.
   b) Enlist the types of hernias.
   c) Explain the pre and post operative nursing management of Mr. M who underwent Herniorrhaphy. (2+3+5)
2. Mr. S, 60 yrs old man is admitted with heart failure.
   a) Explain the causes of heart failure.
   b) List the signs and symptoms of right sided heart failure.
   c) Explain the nursing management of this patient based on 3 nursing diagnoses. (2+3+5)

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

3. Write briefly the concepts of Intensive care unit.
4. Describe tracheostomy care.
5. Explain the pathophysiology of nephrotic syndrome.
6. Enlist the complications of diabetes mellitus and explain any one in detail.
7. Explain the pathophysiology and surgical management of osteomyelitis.
8. Explain the National AIDS Control Programme.
9. Explain the types of anaesthesia.

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

10. Enlist types of shock.
11. Enlist causes of Vomiting.
12. Explain the Clinical manifestations of Atelectasis.
13. Complications of Chest injuries.
14. List the surgical techniques to treat Beningn prostatic hyperplasia.
15. Enlist drugs used to treat urticaria.
16. Enlist clinical manifestations of eczema.
17. Enlist the diagnostic tests of hepatitis.
18. Enlist the diagnostic of peptic ulcer.
19. Differentiate between medical and Surgical Asepsis.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCT-2019

Time: Three Hours **Max. Marks: 38 Marks**

PHARMACOLOGY
(RS2, RS3 & RS4)
Q.P. Code: 1762

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer All Questions
(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours

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

1. What is a tranquilizer? Classify tranquilizers. What are the pharmacological actions of tranquillizers?

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

2. Enlist the Amino -glycosides. Write the action and adverse effects of Gentamycin.
3. Explain the indication and side effects of vasodilators.
4. Write the uses and adverse effects of Uterine relaxants.
5. What are the principles of Homeopathy? List any three Homeopathic medicines.

SHORT ANSWERS **4 x 2 = 08 Marks**

6. List the factors affecting drug action.
7. Name any two of each of the anti emetics and anti-diarrhoeals.
8. List any four diuretics.
9. List four topical agents used on the skin.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCT-2019

Time: Three Hours **Max. Marks: 37 Marks**

PATHOLOGY AND GENETICS
(RS2, RS3 & RS4)
Q.P. Code: 1763

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. Write the etiology, pathological changes and clinical features in Bronchial Asthma.

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

2. Explain the stages of wound healing.
3. Explain the method of testing for Bleeding and Clotting time.
4. Explain the examinations done on sputum with inferences.

GENETICS (12 Marks)

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

5. Define Mitosis.
6. Name four drugs having harmful effects on foetus.
7. List four assessments done for motor development.
8. Define spina bifida.
9. Name any two vectors used in gene therapy.
10. Define Eugenics.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCT-2019

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

Community Health Nursing – I
(RS2, RS3 & RS4)
Q.P. CODE: 1764

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

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

1. List the diseases caused by arthropods. Explain the mosquito control measures. (3+7)
2. Write down the various methods of waste disposal and state merits and demerits of each method. (2+8)

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

3. Explain scope of community health nursing.
4. Describe oxidation pond.
5. Enumerate the natural history of disease.
6. Write immunization schedule.
7. Explain obesity control measures.
8. Enumerate the measurements of mortality.
9. Explain the hormonal methods of family planning.

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

10. What is ecological concept of health?
11. Differentiate between patriarchal and matriarchal family
12. What is positive health?
13. Mention the types of agent.
14. Write the characteristic feature of chicken pox
15. List the 5 F's of disease transmission.
16. Mention the types of epilepsy
17. Define Net Reproduction Rate
18. What is safe period?
19. Define vasectomy.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCT-2019

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

Communication and Educational Technology
(RS2, RS3 & RS4)
Q.P. CODE: 1765

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

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

1. a) List any six methods of class room teaching.
   b) Explain panel discussion in detail. (3+7)
2. a) List any FOUR projected audio-visual aids.
   b) Describe any one projected audio-visual aid in detail. (2+8)

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

3. Explain the types of motivation.
4. Explain the scope of guidance.
5. Explain the principles of counseling technique.
6. Explain phases of demonstration method.
7. Explain principles and criteria to prepare flash cards.
8. Explain the advantages of objective structured clinical examination (OSCE).
9. Explain Likert scale.

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

10. List any TWO physical barriers of communication.
11. Define communication.
12. List any TWO physical barriers of interpersonal relationship.
13. Mention TWO examples for social interpersonal relationship.
14. Mention any FOUR qualities of a counselor.
15. List any TWO characteristics of educational objectives.
16. Sketch a format for lesson plan
17. List any FOUR advantages of Lecture method.
18. Mention any FOUR advantages of mass media in health education.
19. List any FOUR visual aids used in health education.

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