Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Feb / Mar 2012

Time: Three Hours | Max. Marks: 80 Marks

PHARMACOLOGY (Revised Scheme)

Q.P. CODE: 1684

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 anti hypertensive agents briefly explain the pharmacological actions, adverse effects and uses of Angiotensin converting enzyme inhibitors.
2. Enumerate penicillin preparations explain the mechanism of action, adverse effects & uses of Ampicillin
3. Mention how drug produces pharmacological action briefly explain drug antagonism with examples

SHORT ESSAYS 8 x 5 = 40 Marks

4. Management of Anaphylaxis
5. Management of OP poisoning
6. Halothane
7. Heparin
8. Diclofenac sodium
9. Management of status epilepticus
10. Management of Acute myocardial infarction
11. Levodopa

SHORT ANSWERS 10 x 2 = 20 Marks

12. Mention two drug used in alcohol deaddiction
13. Mention two drug used in morphine withdrawal
14. Mention two reserve antitubercular drugs
15 Name two drugs used in HIV infection
16. Name two drug obtained from microbiological source
17. Name two local haemostatic agents
18. Name two mydriatics
19. Name two antithyroid agents
20. Name two uses of glucocorticoids
21. Name two drugs given by inhalational route

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Feb / Mar 2012

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. a) Define home visit
   b) List the advantages of home visit
   c) Discuss about the components of home visit
2. Enumerate the goals and objectives of family welfare programme. Discuss the role of a nurse in family welfare programme
3. What do you mean by population explosion? Discuss the various factors which influence high fertility in India

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

4. Explain community as a client
5. Population policy
6. Menstrual hygiene
7. Perinatal mortality rate
8. Advantages of temporary methods of family planning
9. Postnatal care
10. Scope of RCH services
11. Prevention and control of AIDS
12. Pulse Polio Program
13. Care of school age children

SHORT ANSWERS 10 x 2 = 20 Marks

14. Postnatal checkup
15 Primary health care
16. Cold chain
17. Couple protective rate
18. Advantages of breast feeding
19. Causes of blindness
20. Sources of health statistics
21. Agpar scoring
22. Importance of reports
23. Nursing diagnosis

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Feb / Mar 2012

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. Write the developmental tasks of adolescents
   Guidance during emotional instability for adolescents
2. Explain the foetal development by age
3. What are Proteins?
   Write about the sources and requirements of Protein
   Explain the deficiency disorders of protein

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

4. Balanced diet
5. Plan diet for lactating mother
6. Premarital counseling
7. Emotional preparation for success in school
8. Planned parenthood
9. Developmental tasks of later maturity
10. Requirements and deficiency of minerals
11. Food storage and preservation
12. Principles of growth and development
13. Appraisal of the newborn

SHORT ANSWERS — 10 x 2 = 20 Marks

14. Health problems of elderly
15 Iron deficiency anaemia
16. Embryo
17. Toddler
18. Sources of water
19. Micronutrients
20. Rickets
21. Fats
22. Breast feeding
23. New born

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: Three Hours | Max. Marks: 75 Marks

SOCIOLOGY (RS–2 & RS -3)
Q.P. CODE: 1760

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 sociology. Discuss the importance of study of sociology in nursing studies
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 Seven) 7 x 5 = 35 Marks

4. Classification of social groups
5. Health problems of rural community
6. Consequences of poverty
7. Factors of social change
8. Adverse effects of caste
9. Prostitution
10. Health hazards of alcoholism
11. Culture and civilization
12. Forms of marriage

SHORT ANSWERS 10 x 2 = 20 Marks

13. Socialization
14. Nuclear family
15. Social medicine
16. Endogamy and exogamy
17. Cultural – lag
18. Polyandry and polygyny
19. Isolation
20. Social welfare
21. Malthusion theory of population
22. 'MOB'

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Feb / Mar 2012

Time: Three Hours Max. Marks: 75 Marks

Pharmacology, Pathology & Genetics (RS–2 & RS-3)

Q.P. CODE: 1762 & 1763

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

Use separate answer books for section A and section B

Q.P. Code: 1762 – Section A – **PHARMACOLOGY (38 Marks)**

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

1. Describe bioavailability of the drug. Describe factors affecting bioavailability and its clinical importance
2. Enumerate tetracyclines. Describe the uses, adverse effects and contraindications of tetracycline's

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

3. Omeprazole
4. Frusemide
5. Plasma expanders
6. Extended spectrum penicillin's
7. Isoniazid

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

8. Probenicid is combined with penicillin's. Give reason?
9. Pharmacological basis of atropine in organphosphorous poisoning
10. Mention two drugs used as I V anesthetics
11. Mention two antidepressant drugs and two adverse effects

Q.P. Code: 1763 – Section B – **PATHOLOGY (25 Marks)**

Use separate answer book

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

1. Discuss various preservatives, collections methods and analysis of urine sample
2. Mention the causes of disturbances of fluid and electrolyte imbalances . discuss in brief about the measures to take correction

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

3. Discuss about the mechanisms of tissue regeneration, with reference to liver regeneration
4. Chronic obstructive pulmonary diseases
5. Methods of estimation of clotting time and bleeding time
6. Blood culture

GENETICS (12 Marks)

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

7. Define mutation and mention different types of mutations
8. Mention four autosomal dominant disorders
9. Give four of glycogen storage disorders
10. Mention enzymes deficient in Nieman – pick disease and Gaucher's disease
11. Mention four abnormalities in Down's syndrome
12. Mention skeletal abnormalities in Marfan's syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Feb / Mar 2012

Time: Three Hours | Max. Marks: 75 Marks

COMMUNITY HEALTH NURSING – I
(RS–2 & RS-3)
Q.P. CODE: 1764

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 epidemiology
   b) What are the types of epidemiology?
   c) Explain the role of a nurse in prevention and control of Malaria
2. What do you mean by population explosion? Discuss the various factors which influence high fertility in India
3. Explain in detail the dynamics of disease transmission

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

4. Demographic rates and ratios
5. Food hygiene
6. DOTS treatment
7. Dimensions of health
8. Management of obesity
9. Prevention of accidents
10. Water purification at small scale
11. Cold chain
12. Control of coronary heart diseases

SHORT ANSWERS 10 x 2 = 20 Marks

13. Mental illness
14. Fluorosis
15. Lock Jaw
16. Anthrax
17. Family budgeting
18. Passive immunity
19. Maternal mortality rate
20. Vitamin “A” prophylaxis
21. Life style
22. Complications of mumps

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Feb / Mar 2012

Time: Three Hours | Max. Marks: 75 Marks

COMMUNICATION AND EDUCATIONAL TECHNOLOGY
(RS–2 & RS-3)
Q.P. CODE: 1765

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 out the philosophies of education. Write in detail about anyone of it?
2. (a) Mention the different types of questions to be prepared for assessing the knowledge.
   (b) Explain advantages and disadvantages of practical examination.
3. Briefly describe the clinical teaching methods.

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

4. Group dynamics.
5. Principles of counseling.
6. Symposium.
7. Management of disciplinary problems.
8. Lesson plan.
9. Team work.
10. Flash cards.
11. Qualities of educational objectives.
12. Purposes of A.V. aids.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Issues of counseling in nursing.
14. Communication.
15. Johari window.
16. Lecture.
17. Phases of process recording.
18. Purpose of interpersonal relationship.
19. Principles of microteaching.
20. Workshop.
21. Check list.
22. Health education.

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Sep 2012

Time: Three Hours | Max. Marks: 80 Marks

PHARMACOLOGY (Revised Scheme)

Q.P. CODE: 1684

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. Write the general principles of management of a case of poisoning with suitable example. Explain with example specific antidote
2. Name three different drug information sources and discuss the type of information available in each and its benefits
3. Classify analgesics with one examples for each. Explain the mechanism of action of aspirin. List the therapeutic uses of aspirin

SHORT ESSAYS — 8 x 5 = 40 Marks

4. Idiosyncrasy
5. Adverse drug reaction
6. Management of morphine overdose
7. Intravenous route of administration of drugs
8. Sources of drugs with suitable examples
9. Cephalexin
10. Insulin preparations
11. Side-effects of aminoglycosides

SHORT ANSWERS — 10 x 2 = 20 Marks

12. Give 2 examples of liquid dosage forms mention it's advantages
13. Mention1 first-line drug used for acute attack of bronchial asthma
14. Mention 2 drugs useful for diabetes mellitus
15 Mention 2 antibiotics useful for typhoid / enteric fever
16. Mention 3 antibiotics that can cause ototoxicity
17. Define an antiseptic agent with two examples
18. Give the mechanism of action of sulfonamide. Mention two topically used sulfonamides
19. Name 2 drugs useful in treatment of fever
20. Name 2 drugs in treatment of cancer patients
21. What is Tramadol? Mention two uses

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Sep 2012

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) What is renal calculi? b) List the signs & symptoms and diagnostic investigations done for renal calculi c) Mention the methods of treating renal stones & write the nursing interventions to be provide to a patient in relation to relieving of pain & discomfort, prevention of recurrences of renal stones, monitoring & managing of potential complications
2. a) Mr. Amar aged 50 yrs is admitted with the history of cirrhosis of liver
   b) What is cirrhosis of liver? c) List the clinical manifestation of cirrhosis of liver
   d) Write the nursing management of Mr. Amar based on three priority nursing diagnosis
3. a) Briefly explain classification of burns b) Calculate the fluid requirements for a patient aged 40 yrs with 60% burns c) Discuss the problems the patient may develop & write nursing care plan for two priority problems

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

4. Paracentesis
5. Long term complications of diabetes mellitus
6. Osteoporosis
7. Anaemias
8. Psychological considerations in intensive care unit
9. Malabsorption syndrome
10. Care of a patient with Haemorrhoids
11. Fractures
12. Side effects of chemotherapy & its management
13. Prevention of scabies

SHORT ANSWERS 10 x 2 = 20 Marks

14. Lichen planus
15 Warning signs of cancer
16. Thyroid strom
17. Vasodialators
18. Glossitis
19. Hydronephrosis
20. Lordosis
21. Pneumonectomy
22. Glucose tolerance test
23. Types of shock

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Sep 2012

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. Write the meaning of personal and mental health. Describe in detail the role of community health nurse in promoting personal and mental health of individuals and groups in the community
2. Discuss in detail the community health nursing process
3. Explain in detail the aims and objectives and components of RCH sevices

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

4. Health aspects of family planning
5. First generation IUD's
6. Action of oral contraceptive pills
7. Legal implication of records
8. Steps in conducting a community health program
9. Care of the adolescent
10. Bag technique
11. Types of registers, records & reports maintained by nurse in PHC
12. MTP act
13. Natural family planning methods

SHORT ANSWERS 10 x 2 = 20 Marks

14. Scope of family planning services
15 Couple protection rate
16. Male pill
17. ASHA
18. Density of population
19. Sex ratio
20. Birth rate
21. Net reproduction rate
22. Target couples
23. Maternal mortality rate

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Sep 2012

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. Discuss current concepts of growth and development.
2. Give an account of Embryo and Foetal development.
3. What is nutritional status? How do you assess?

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

4. Emotional outlook of newborn.
5. Characteristics of Infant.
6. Physical growth (1-5 years).
7. Intellectual development of 6-12 years child (school age child).
8. Guidance to adolescent during emotional instability.
9. Preparation for marriage.
10. Problems of management of senior citizens.
11. Effect of heat on cooking foods.
12. Balanced diet.
13. Food preservation.

SHORT ANSWERS 10 x 2 = 20 Marks

14. APGAR score.
15. Weaning foods.
16. Pregnancy tests.
17. Colostrum.
18. Reflexes of newborn.
19. Thumb sucking.
20. Sources of vitamin C.
21. Kwashiorkor.
22. Glucose.
23. Trace minerals.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: Three Hours | Max. Marks: 75 Marks

MEDICAL SURGICAL NURSING – I (RS–2 & RS -3)
Q.P. CODE: 1761

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. Mr. Nataraj, 56 year old man is admitted with uncontrolled Diabetes Mellitus. A) Write the complications of Diabetes Mellitus. B) Plan health education related to care of feet and diabetic diet.
2. Mr. Selvan, 60-year old man is admitted with Congestive Heart Failure. A) Write the common causes and types of Congestive Heart Failure. B) list the signs and symptoms of chronic Congestive Heart Failure. C) Explain the nursing management of this patient based on three nursing diagnosis.
3. mrs. Ishya, 45 year old lady is admitted with nephritic syndrome. A) List the etiology and clinical manifestations. B) Explain the nursing Management based on three nursing diagnosis.

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

4. Types of vascular access and complications of hemodialysis.
5. Phases of wound healing.
6. Esophago gastroduodenoscopy.
7. Causes of gastritis.
8. Tracheostomy care.
9. Etiology classification of Anemia.
10. Etiology and clinical manifestations of hypo thyroidism.
11. Nursing management of a patient with osteoarthritis.
12. Classification of anesthesia.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Intake and output chart.
14. Dumping syndrome.
15. Hepatitis A Virus.
16. Barium enema.
17. Atelectasis.
18. Vomiting.
19. Normal ECG.
20. Hyperkalemia.
21. Inflammation.
22. Surgical Asepsis.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: 3 Hours Max. Marks: 38 Marks

Pharmacology
Q.P. Code : 1762

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

(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. Classify skeletal muscle relaxants. Write the mechanism of action uses and adverse effects of succinyl choline
2. Classify corticosteroids. Describe their pharmacological actions, adverse effects and therapeutic uses

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

3. Preanesthetic medication
4. Biovailability
5. Phenytoin sodium
6. 3rd generation Cephalosporins
7. Therapeutic uses of Ethanol

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

8. Mention two aminoglycoside antibiotics and two common properties
9. Pharmacological basis of dopamine in cardiogenics shock
10. Mention two antimetabolite anticancer drugs and their two adverse effects
11. Mention two antimalarial drugs and one adverse effect of each

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: 3 Hours Max. Marks: 37 Marks

Pathology & Genetics
Q.P. Code : 1763

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. Mention the blood collection methods for pathology, biochemistry and microbiology tests
2. Discuss the etiopathogenesis and complications of rheumatic heart diseases

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

3. Bone healing
4. Cryptorchidism
5. Methods of blood grouping and cross matching
6. Lung abscess

GENETICS (12 Marks)

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

7. What is trisomy. Give two examples
8. Mention four autosomal recessive disorders
9. What is Lyon hypothesis
10. What is co – dominance. Give 2 examples
11. Mention four abnormalities in Turner's syndrome
12. Goals of Human genome project

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: Three Hours | Max. Marks: 75 Marks

COMMUNITY HEALTH NURSING – I
(RS–2 & RS-3)
Q.P. CODE: 1764

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 water purification is large scale
2. Classify the family planning methods? Explain in detail the permanent methods of family planning
3. Describe the epidemiological factor of cholera. Explain the control measures of cholera

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

4. Oxidation pond
5. Women empowerment
6. Epidemiologic cycle
7. Demographic cycle
8. Risk factor of coronary heart disease
9. Specific nutritional deficiencies
10. Malaria
11. Determinants of health
12.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Eugemics
14. Air pollutants
15. Mechanical ventilation
16. Active immunity
17. Family budge
18. Food adulteration act
19. Infant mortality rate
20. Copper T
21. SARS
22. Incidence

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: Three Hours | Max. Marks: 75 Marks

COMMUNICATION AND EDUCATIONAL TECHNOLOGY
(RS–2 & RS-3)
Q.P. CODE: 1765

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) Mention the barriers of communication. (b) Explain the methods of overcoming these barriers while educating group of patients in medical ward.
2. (a) Define counseling (b) How will you organize counseling programme for the students in your college.
3. (a) List various methods of teaching in nursing education. (b) Explain the methods of demonstration.

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

4. Phases of interpersonal relation.
5. Human relations in nursing.
6. Projected Aids.
7. Characteristics of educational objectives.
8. Computer in nursing education.
9. Steps of lesson planning.
10. Use of AIDS in health education.
11. Reliability of evaluative devices- Explain.
12. Field trip.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Three dimensional aids.
14. Nursing rounds.
15. Mass media communication.
16. Attitude scales.
17. Guidance.
18. Process recording.
19. Phases of microteaching.
20. Anecdotal record.
21. Purposes of evaluation.
22. Case study.

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Rajiv Gandhi University of Health Sciences, Karnataka