Rajiv Gandhi University of Health Sciences, Karnataka

1681_2011_1_S52

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – MAY 2016

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. What is the causative agent of typhoid fever? Discuss in detail the laboratory diagnosis and immunoprophylaxis in typhoid fever
2. Write in detail on the life cycle and laboratory diagnosis of Taenia solium infestation in man
3. Write in detail on the morphology, pathogenesis and laboratory diagnosis of polio myelitis

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

4. Type I hypersensitivity
5. Hot air oven
6. Immunoglobulin ‘G’
7. Agglutination reaction
8. Staphylococcus aureus
9. Rubella
10. C. albicans
11. Giardia Lamblia
12. Acid fast staining
13. Prophylaxis of rabies

SHORT ANSWERS 10 x 2 = 20 Marks

14. Robert Koch
15 Draw Trichomonas vaginalis
16. Name 2 opportunistic fungal infections
17. Define anaerobic bacteria with an example
18. Membrane filters
19. Define enrichment media with an example
20. Name four bacteria causing food poisoing
21. Widal test
22. Define Zoonosis with an example.
23. VDRL test

Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – MAY 2016

Time: Three Hours Max. Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING
(Revised Scheme)

Q.P. CODE: 1682

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

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

1. a) Define Health Education
   b) Explain the principles of Health Education (2+8)
2. Describe the community nutritional programmes in India
3. Explain briefly the principles of Community Health Nursing

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

4. Explain the concepts of health and Disease
5. Describe controlled tipping as a method of disposal of refuse
6. Explain the modes of disease transmission.
7. Explain the Health care delivery at the State Level
8. Explain the elements of Primary Health Care
9. Describe briefly how Air pollution can be prevented
10. Explain the types of ventilation
11. Briefly describe the nutritional problems of India
12. Explain the epidemiological triad of disease.
13. Describe the communication process.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Define sporadic
15 List four water borne diseases.
16. What is the use of a Kala Thermometer?
17. What is oxidation pond?
18. List the fat soluble vitamin
19. What is the meaning of food fortification?
20. Define quarantine
21. List the criteria for safe and wholesome water
22. Enumerate the non-communicable diseases prevalent India
23. List the methods of group health education.

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Rajiv Gandhi University of Health Sciences, Karnataka

1748_2011_1_S105

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours | Max. Marks: 60 Marks

Nutrition

Q.P. Code : 1748

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

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

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

1. Discuss the various nutritional problems in India
2. Define a balanced diet. Name the essential nutrients and its basic functions in the body
3. Explain the basic five food group system

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

4. What are the various methods of nutrition education?
5. National institute of nutrition
6. Requirements and imbalance of water in the body
7. High calorie diets
8. Nutritional needs of elderly
9. Relationship between nutrition and health
10. Mid-day meal programme

SHORT ANSWERS — 5 x 3 = 15 Marks

11. Define nutrition and malnutrition
12. Name the essential fatty acids and its deficiency in the body
13. Pellagra
14. Food additives and its uses
15. Effects of heat on carbohydrates

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours Max. Marks: 40 Marks

Biochemistry

Q.P. Code: 1749

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

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

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

1. Describe β-oxidation of fatty acids. Add a note on its energetics.
2. Describe urea cycle. Mention the disorders of urea cycle.

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

3. Renal regulation of acid base balance.
4. Give an account of digestion of carbohydrates.
5. What are Lipoproteins? Mention their functions.
6. Functions of Calcium, add a note on hypocalcaemia.

SHORT ANSWERS (Answer All) 5 x 3 = 15 Marks

7. Glycosuria.
8. Name water soluble vitamins.
9. Essential amino acids.
10. Significance of Gluconeogenesis.
11. Marker enzymes in myocardial infarction.

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Rajiv Gandhi University of Health Sciences, Karnataka

1750_2011_1_S183

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – MAY 2016

Time: Three Hours | Max. Marks: 100 Marks

NURSING FOUNDATION
(Revised Scheme 2)

Q.P. CODE: 1750

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

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

1. a) Define Enema.
   b) Give the classification of enema.
   c) Explain the procedure of enema with special emphasis on nursing responsibilities.
2. a) Define admission.
   b) Write the types of admission.
   c) Explain the roles and responsibilities of nurse in admission procedure.
3. Define respiration. List the types and explain the factors affecting respiration

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

4. Factors influencing health
5. Importance of Ethics in nursing. Explain about ICN code of ethics in nursing.
6. Role of nurse in Discharge procedure
7. Define Blood pressure. Explain the factors affecting blood pressure.
8. Care of a dying patient
9. Barriers of effective communication
10. Define pain. Explain the factors affecting pain.
11. Write the different methods of collection of urine specimen.
12. Explain about Range of motion exercise.
13. Explain about universal precautions.
14. Rights of medication administration
15. Principles in writing records and reports

SHORT ANSWERS 10 x 3 = 30 Marks

16. Define Autopsy. List the indications.
17. Principles of Surgical asepsis
18. Purposes of Eye irrigation
19. Different sites of Intra muscular injection and its complications
20. Types of hospital waste
21. List the complications of blood transfusion.
22. Define Postural drainage. List the indications.
23. Types of Suppository and its indications
24. Types of bed
25. Prevention of Pressure ulcer

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours Max. Marks: 37 Mark

Anatomy

Q.P. Code : 1753

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

(Note: Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

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

1. Enumerate endocrine glands. Describe thyroid gland in detail.
2. Name the parts of the Male reproductive system. Describe Testis in detail.

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

3. Small intestine
4. Trachea
5. Right lung
6. Sternocleidomastoid muscle

SHORT ANSWERS 6 x 2 = 12 Marks

7. Name coverings of kidney
8. Types of muscles with example
9. Name the parts of uterine tube
10. Contents of cubital fossa
11. Differences between thick skin and thin skin
12. Histology of thymus

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours Max. Marks: 38 Mark

Physiology

Q.P. Code : 1754

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

(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

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

1. Describe the mechanics of respiration.
2. Describe with the help of a diagram pathway for pain sensation. What is referred pain?

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

3. Functions of hypothalamus
4. Enumerate the actions of thyroid hormone.
5. Functions of placenta
6. Conducting system of heart
7. Neuromuscular junction

SHORT ANSWERS 4 x 2 = 8 Marks

8. Functions of Gall bladder
9. Functions of WBC's
10. Draw a neat diagram of reflex arc.
11. Mention four functions of kidney.

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours Max. Marks: 45 Mark

Nutrition

Q.P. Code: 1755

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

(Note:BothQPCodes1755and1756aretobeansweredwithintotalduration of 3hours)

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

1. a) List the major nutritional problems in India. (4+6)
   b) Discuss the national nutrition policy.
2. a) Explain nutritional assessment. (5+5)
   b) Discuss the role of the nurse in assessment and nutrition education.

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

3. Explain the classification of proteins.
4. Explain the Food Standards.
5. Discuss the dietary modifications in elderly.
6. Briefly explain the functions, dietary sources, daily requirements and deficiency of calcium.
7. List the functions of vitamin D and explain the deficiency in children and in adults.
8. Household methods of food preservation

SHORT ANSWERS 5 x 2 = 10 Marks

9. Steaming
10. Balanced diet
11. Oral Rehydration Therapy
12. Role of dietary fibre in prevention and treatment of disease
13. Hypervitaminosis

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – May 2016

Time: 3 Hours Max. Marks: 30 Mark

Biochemistry

Q.P. Code: 1756

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

(Note:BothQPCodes1755and1756aretobeansweredwithintotaldurationof3hours)

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

1. Give the sources, biochemistry, functions, deficiency manifestations and R.D.A of vitamin A.
2. What is the normal pH of blood? Describe the role of lungs and kidneys in the maintenance o normal Blood pH.

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

3. Synthesis and significance of ketone bodies
4. Discuss biochemical functions of Thiamine.
5. GTT

SHORT ANSWERS (Answer all) 5 x 2 = 10 Marks

6. Dietary fibres
7. Essential Amino-acids
8. Anti-oxidants
9. Normal blood values of (a) Total Cholesterol (b) Urea
10. Conjugated proteins

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – MAY 2016

Time: Three Hours | Max. Marks: 75 Marks

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

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

1. a) Define communication.
   b) Discuss the communication process.
   c) What is the importance of communication in nursing? (2+5+3)
2. a) What are the different routes used for administration of medications?
   b) Explain the principles of oral medication. (5+5)
3. a) Define infection.
   b) Explain the chain of infection transmission.
   c) How do you prevent hospital acquired infections? (2+4+4)

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

4. Complications of neglected oral hygiene
5. Care of dying patient
6. Prevention of pressure sores
7. Roles and responsibilities of a nurse during admission of a patient
8. Phases of helping relationship
9. Care of the unit after discharge of the patient
10. Nursing care of a patient with breathing difficulty
11. Factors affecting bowel elimination
12. Nursing responsibilities in blood transfusion

SHORT ANSWERS 10 x 2 = 20 Marks

13. Purposes of personal hygiene
14. Bed cradles
15. List techniques of barrier nursing.
16. Purpose of providing Fowler's position
17. Contraindications for monitoring oral temperature
18. Non verbal communication techniques
19. Vital signs
20. Stages of rigor
21. Complications of Intravenous infusion
22. Any four nursing measures to induce sleep

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – MAY 2016

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)

Q.P. CODE: 1759

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

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

1. Discuss the pathogenesis and laboratory diagnosis of vibrio cholerae.
2. Define infection and classify. Discuss in detail about nosocomial infection.
3. Define immunity and classify. Explain acquired immunity in detail.

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

4. Hot air oven
5. Bacterial capsule.
6. Lab diagnosis of syphilis.
7. Anaerobic culture methods.
8. Candida albicans.
9. Pathogenesis and lab diagnosis of Mycobacterium tuberculi
10. Life cycle of Entamoeba histolytica.
11. Hepatitis B virus.
12. Universal precautions.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Mention any four contributions of Joseph Lister.
14. MMR Vaccine.
15. Name two acid fast bacteria.
16. Autoclaving.
17. Name two RNA and DNA viruses.
18. Name four malarial parasites.
19. Structure of Immunoglobulin G
20. Expand ELISA and mention types.
21. Name two Zoonotic diseases.
22. Pasteurization.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP 2016

Time: 3 Hours | Max. Marks: 37 Marks

Anatomy

Q.P. Code : 1753

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

(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

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

1. Classify female reproductive organs. Describe uterus in detail.
2. Describe Anatomy of right lung in detail.

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

3. Lymph node
4. Broncho pulmonary segments
5. Skin with diagram
6. Spleen

SHORT ANSWERS — 6 x 2 = 12 Marks

7. List down cranial nerves in order.
8. Layers of Meninges
9. Name four parts of small intestine
10. Hip joint
11. Name four lobes of cerebrum
12. Name the skull bones.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – < < > >

Time: 3 Hours | Max. Marks: 38 Marks

Physiology

Q.P. Code : 1754

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

(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

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

1. Classify WBC's and describe in detail about its functions.
2. Describe the mechanical events of cardiac cycle with neat diagram.

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

3. With neat diagram represent reflex arc and enumerate properties of reflex arc.
4. Describe neural regulation of respiration.
5. Describe the composition and functions of saliva.
6. Describe the compensatory changes in the body to increased temperature.
7. Describe actions of thyroid hormones.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Write two actions of Gastrin.
9. Name the different types of normal haemoglobin.
10. Name errors of refraction.
11. Mention the functions of middle ear.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2016

Time: 3 Hours | Max. Marks: 45 Marks

Nutrition

Q.P. Code : 1755

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

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

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

1. Write about the nutritional problems in India with preventive measures.
2. Classify minerals. Discuss about the functions, absorption and metabolism of calcium.

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

3. Food standards
4. Functions of carbohydrates
5. Factors affecting the basal metabolic rate
6. Functions of minerals
7. Explain how the body maintains electrolyte balance.
8. Write the role of nurse in the nutrition education.

SHORT ANSWERS 5 x 2 = 10 Marks

9. Write about the medicinal value of ginger and garlic.
10. Expand CFTRI % NIN.
11. Define poaching. Bring out the advantages of it.
12. Give 4 good sources of proteins.
13. Dehydration

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2016

Time: 3 Hours | Max. Marks: 30 Marks

Biochemistry

Q.P. Code: 1756

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

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

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

1. Explain the factors regulating blood glucose level in the human body.
2. Explain beta oxidation of Palmitic Acid. Add a note on energetics.

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

3. Disaccharides
4. Urea cycle
5. Biochemical functions of plasma proteins

SHORT ANSWERS (Answer all) 5 x 2 = 10 Marks

6. Name the coenzyme form of riboflavin and niacin.
7. Rothera's test
8. Normal levels of serum levels of - Cholesterol and Total Proteins
9. Transamination
10. Beri Beri

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – SEP - 2016

Time: Three Hours Max. Marks: 75 Marks

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

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

1. a) Define nursing.
   b) Explain the characteristics and roles of a professional nurse.
2. a) Define medicine.
   b) List the different routes of medicine administration.
   c) Write the principles of administering oral medicine.
3. Mr. Rama a 50 years old man is admitted to hospital with the diagnosis of malaria.
   a) Write the nursing diagnosis for Mr. Rama.
   b) Write the care plan for two nursing diagnosis.

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

4. Define nursing process and explain briefly the steps.
5. Explain in brief about health illness continuum.
6. Explain the care of the unit after discharge of a patient.
7. Explain the principles in writing records and reports.
8. Write the principles involved in wound care.
9. Define primary health care and explain the elements of primary health care.
10. Define enema. Classify and write the purposes of enema.
11. How do you maintain therapeutic nurse-patient relationship?
12. Explain nurses responsibility in insertion of Nasogastric tube.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define vital signs.
14. Write the steps of health assessment.
15. List the range of motion exercises.
16. Mention four hazards of immobility.
17. How a nurse can promote diversion therapies to a patient?
18. Prevention of nosocomial infection
19. List the causes of retention of urine,
20. List the routes of parenteral therapies.
21. Define surgical asepsis.
22. What is autopsy?

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP-2016

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

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

1. Define intelligence. Describe the types of intelligence.
2. Define psychology. Briefly discuss the branches of psychology. State the importance of psychology for nurses.
3. Define motivation. Explain biological and social motives.

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

4. Operant conditioning and its application
5. Defense mechanisms
6. Structure of the mind
7. Types of thinking
8. Errors of thinking
9. Endocrine glands and behaviour
10. Erickson's psycho-social theory
11. Introspection method
12. Types of psychological tests

SHORT ANSWERS 10 x 2 = 20 Marks

13. Oldage
14. Hallucination
15. Ego
16. Attitudinal change
17. Mental age and intelligence quotient
18. Explain the term behaviour.
19. Case study
20. Interview
21. Stress management
22. Span of attention

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEP 2016

Time: Three Hours | Max. Marks: 75 Marks

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

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

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

1. Define infection. Describe the factors predisposing to microbial pathogenecity.
2. Name the Hepatitis viruses. Write on Hepatitis B viruses.
3. Discuss the pathogenicity, laboratory diagnosis and prophylaxis of coryne bacterium Diphtheria.

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

4. Bacterial flagella
5. Autoclave
6. Immunoglobulin
7. Laboratory diagnosis of Syphilis
8. Blood culture for typhoid fever.
9. Prophylaxis of Rabies
10. Life cycle of Ascaris lumbricoides
11. Type I hypersensitivity
12. Laboratory diagnosis of Amoebiasis

SHORT ANSWERS 10 x 2 = 20 Marks

13. Draw a neat, labeled diagram of bacterial spore.
14. Fumigation
15. BCG Vaccine
16. Name two bacteria associated with urinary tract infection.
17. Draw a neat, labeled diagram of Giardia intestinalis.
18. Define selective media with an example.
19. Define iatrogenic infection.
20. Name two Dermatophytes.
21. Define Nosocomial infection
22. Name four species of malarial parasites.

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