

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

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 pathogenicity.
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.

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

Max. Marks: 37 Marks

Time: 3 Hours

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.

Time: Three Hours

PSYCHOLOGY (RS - 3)
Q.P. CODE: 1758

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

2 x 10 = 20 Marks

LONG ESSAYS (Answer any Two)

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.

7 x 5 = 35 Marks

SHORT ESSAYS (Answer any Seven)

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

10 x 2 = 20 Marks

SHORT ANSWERS

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

Rajiv Gandhi University of Health Sciences, Karnataka

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

Max. Marks: 75 Marks

Time: Three Hours

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?

Rajiv Gandhi University of Health Sciences, Karnataka

1 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

Nutrition

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