

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

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. Give the IUB classification of enzymes with two examples for each class.
2. Give the sources, functions, deficiency manifestations and RDA of Vitamin C.

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Deficiency manifestations of vitamin A.
4. Urea cycle.
5. Functions of plasma proteins.

SHORT ANSWERS

5 x 2 = 10 Marks

6. Essential amino acids.
7. Rothera's test.
8. Mention two proteolytic enzymes.
9. Name the coenzyme form of Thiamine and Pyridoxine.
10. Normal blood levels of cholesterol and urea.

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Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY (RS - 2)

Q.P. CODE: 1752

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. Define and classify sterilization. Describe sterilization using autoclave.
2. Define and classify immunity. Describe innate immunity.
3. Write the etiology of Sexually Transmitted diseases. Describe the pathogenesis and laboratory diagnosis of gonorrhoea.

SHORT ESSAYS (Any Ten)

10 x 5 = 50 Marks

4. ELISA
5. Enrichment media
6. ZN stain
7. Lab diagnosis of HIV infection
8. Bacterial spore
9. Life cycle of round worm
10. Flagella
11. Food poisoning
12. Candidiasis
13. Immunization schedule
14. Cysticercosis
15. Diseases caused by streptococcus pyogenes

SHORT ANSWERS

10 x 3 = 30 Marks

16. Transduction.
17. BCG vaccine
18. L forms
19. Blood agar
20. Name three live viral vaccines
21. Name three zoonotic diseases.
22. Allograft
23. Mention three spirochaetes
24. Rapid presumptive diagnosis of cholera
25. Classify bacteria according to shape

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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 and classify sterilization. Give an account of moist heat sterilization.
2. Classify viruses. Discuss in detail cultivation of viruses.
3. Describe the morphology, lifecycle, pathogenicity and laboratory diagnosis of *Entamoeba histolytica*.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Bacterial growth curve
5. Laboratory diagnosis of enteric fever
6. Acquired immunity
7. Anaphylaxis
8. Dermatophytes
9. Laboratory diagnosis of HIV infection
10. Examination of stool for parasitic infections
11. Nosocomial infection
12. Antibiotic sensitivity testing

SHORT ANSWERS

10 x 2 = 20 Marks

13. Name two zoonotic diseases.
14. Draw a neat, labeled diagram of Immunoglobulin M (IgM).
15. Give two examples of selective media.
16. Name two methods of Pasteurisation.
17. DPT vaccine
18. Oral thrush
19. Name two viruses causing diarrhea.
20. Draw a neat, labeled diagram of hookworm ova.
21. Name two bacterial exotoxins.
22. VDRL test

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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 communication.
b) Explain the communication process.
2. a) Define pulse.
b) List the sites for taking pulse.
c) Explain the characteristics of a pulse.
3. a) Define pressure sore and its causes.
b) How will you prevent the development of pressure sore in a bed ridden patient?

SHORT ESSAYS (Any Ten)

10 x 5 = 50 Marks

4. Functions of the hospital
5. Characteristics of a profession
6. Discharge of patient from hospital
7. Assessment phase of nursing process
8. Records and reports
9. Methods of physical examination
10. Care of rubber goods
11. Principles of body mechanics
12. Nurses role in collection of specimens
13. Nurse role in biomedical waste management
14. Nurse responsibility in blood transfusion
15. Role of a nurse in postoperative unit

SHORT ANSWERS

10 x 3 = 30 Marks

16. Autopsy
17. Types of fever
18. Name any Six medico-legal issues.
19. Steps used in care plan
20. Types of pain
21. Rigor mortis
22. Purposes of health assessment
23. Incidental report
24. Define health.
25. Diuretics

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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. Define nursing process, discuss the steps of nursing process in relation to their application in practical setting.
2. Define blood pressure, explain the factors affecting blood pressure. List the sites of assessing BP. What are the special considerations while assessing BP?
3. What are the basic human needs of a patient? Explain the nursing interventions for attaining psychological needs.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Roles and responsibilities of a nurse during discharge of a patient.
5. Relationship between code of ethics and professional conduct in nurses.
6. Records and Reports.
7. Barriers to effective communication.
8. Prevention of cross infection in hospitals.
9. Routes of administering medications.
10. Care of a dying patient.
11. Cardio Pulmonary Resuscitation.
12. Health care team.

SHORT ANSWERS

10 x 2 = 20 Marks

13. Prevention of pressure sores.
14. List the nursing diagnosis for an unconscious patient.
15. Importance of Bio medical waste management.
16. Care of rubber goods.
17. Anorexia.
18. Barrier nursing.
19. Rights in medication administration.
20. *Suppository*
21. Subjective and objective assessment.
22. Methods of Physical examination.

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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. Define Nutrition. Explain in detail on nutritional problems in India with preventive measures.
2. Classify vitamins. Describe Dietary Sources, Functions, Deficiencies and Hyper Vitaminosis of Fat Soluble Vitamins.
3. Define Preservation. Write briefly on various methods of food preservation.

SHORT ESSAYS (Any Five)

5 x 5 = 25 Marks

4. Food groups
5. Preventive measures on food adulteration
6. NIPCCD
7. Over hydration and dehydration
8. Body mass index
9. Functions of protein
10. Goals of national nutritional policy

SHORT ANSWERS

5 x 3 = 15 Marks

11. Over consumption of fats
12. Classify carbohydrates
13. IDD
14. Function of food
15. Elements of nutrition

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Time: Three Hours

Max. Marks: 100 Marks

PSYCHOLOGY (RS - 2)

Q.P. CODE: 1751

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. Define Personality. Explain the Projective Techniques in Assessing Personality.
2. Define Intelligence. Explain the classification of intelligence test.
3. Discuss the Muscular and glandular basis of behaviour.

SHORT ESSAYS (Any Ten)

10 x 5 = 50 Marks

4. *What is Memory? Types of memory*
5. Organization of Perception
6. The Role of Endocrine glands
7. Introspection Method
8. Scope of Psychology
9. Explain the stages of developing in thinking.
10. Discuss the different types of Attention.
11. What is frustration? Explain its sources.
12. Evaluate the Theories of Emotions.
13. Tools to improve Memory
14. Concept of Mental Hygiene
15. Behavioural changes from infancy to Adolescence

SHORT ANSWERS

10 x 3 = 30 Marks

16. Errors of Perception
17. Super Ego
18. Extra-Sensory perception
19. Aptitude
20. *Illusion*
21. Cerebral Hemispheres
22. Reinforcement
23. Frustration
24. Attitudinal change
25. Transfer of Learning

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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 personality explain any theories of personality
2. Explain the theories of intelligence
3. Explain the characteristics of perception

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Observation method
5. Law's of learning
6. Methods to improve memory
7. Role of psychology in nursing
8. Cannon – Bard theory of emotions
9. Causes of individual differences
10. Insightful learning
11. Biological motives
12. Types of intelligence test

SHORT ANSWERS

10 x 2 = 20 Marks

13. Amnesia
14. Attitude
15. Questionnaires
16. I Q
17. Mental hygiene
18. Attention
19. Self actualization
20. Stress
21. Aptitude
22. Reward & punishment
