

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination - 17-Dec-2024

**Time: Three Hours**

**Max. Marks: 50**

### **APPLIED NUTRITION & DIETETICS – SECTION – A (RS-6)**

**Q.P. CODE: 1779**

**(QP Contains Two Pages)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)**

#### **LONG ESSAY**

**1 x 10 = 10 Marks**

1. Explain food exchange system. Write the principles of menu planning

#### **SHORT ESSAYS**

**4 x 5 = 20 Marks**

2. Describe marasmus
3. Classify food additives
4. Explain the role of a nurse in prevention and management of iodine deficiency
5. Write various methods of nutritional assessment

#### **SHORT ANSWERS**

**6 x 2 = 12 Marks**

6. List any two objectives of weekly iron folic acid supplementation programme
7. **Define beverage or Define Basal Metabolic Rate**
8. Name any two fat soluble vitamins
9. Mention any two functions of proteins
10. Define Energy
11. Name any two sources of carbohydrates

#### **Multiple Choice Questions**

**8 x 1 = 8 Marks**

12. The proportion of water that constitutes body weight is
  - A. Two- third
  - B. One-half
  - C. Three – third
  - D. Less than half
13. Good Sources of iron are
  - A. Meat and eggs
  - B. Cereals and grains
  - C. Seeds and nuts
  - D. Milk and Milk Products
14. The most heat liable Vitamin is
  - A. Vitamin D
  - B. Vitamin A
  - C. Vitamin C
  - D. Vitamin E

# Rajiv Gandhi University of Health Sciences, Karnataka

15. Food rich in saturated fats is
  - A. Red meat
  - B. Avocados
  - C. Olives
  - D. Nuts
16. The macronutrient to be restricted in cardiac patients is
  - A. Carbohydrates
  - B. Proteins
  - C. Vitamins
  - D. Fats
17. Diabetes is caused due to increase consumption of
  - A. Carbohydrates
  - B. Proteins
  - C. Fats
  - D. Vitamins
18. The process of mixing any inferior or unsafe ingredient with food is
  - A. Adulteration
  - B. Fortification
  - C. Emulsification
  - D. Iodization
19. Safety food practices includes all **EXCEPT**
  - A. Regular hand washing
  - B. Good personal hygiene
  - C. Clean uniform
  - D. Good Nutritional habit

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# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination – 26 June 2024

**Time: Three Hours**

**Max. Marks: 50**

### **APPLIED NUTRITION & DIETETICS – SECTION - A**

**Q.P. CODE: 1779**

**(QP Contains Two Pages)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)**

#### **LONG ESSAY**

**1 x 10 = 10 Marks**

1. Write in detail about the Infant and Young Child Feeding (IYCF) emphasizing WHO and UNICEF recommendations

#### **SHORT ESSAYS**

**4 x 5 = 20 Marks**

2. Explain about the preventive measures and role of nurse in childhood obesity.
3. Explain about calcium deficiency disorder
4. **Write about the dietary management of a patient with constipation**
5. Enlist the purpose of nutrition education.

#### **SHORT ANSWERS**

**6 x 2 = 12 Marks**

6. Write about the classification of carbohydrates.
7. List any two animal sources of proteins.
8. Write any two functions of vitamins.
9. Write any two principles of Mid-day meal scheme.
10. Define Nutrition assessment.
11. Mention any two objectives of National Iodine Deficiency Disorder Control Programme.

#### **Multiple Choice Questions**

**8 x 1 = 8 Marks**

12. The components required by the body in small amount are called
  - A. Macro nutrient
  - B. Micro nutrient
  - C. Nutrient
  - D. Adulterant
13. Groundnut oil is a rich source of
  - A. Vitamins
  - B. Minerals
  - C. Fats
  - D. Proteins
14. The nutrient needed in diet for proper thyroid function
  - A. Calcium
  - B. Zinc
  - C. Iodine

# Rajiv Gandhi University of Health Sciences, Karnataka

D. Fluoride

15. The large **portion** of daily diet of Indians includes.
  - A. Cereals and Millets
  - B. Milk and Milk Products
  - C. Meat and Fish
  - D. Sugar and Jaggery
16. Among the following traits, which plays the greatest role in potential risk for obesity
  - A. Heredity
  - B. Age
  - C. Lifestyle
  - D. Gender
17. Individuals are at higher risk for coronary heart disease if they carry excess weight in
  - A. Thighs
  - B. Buttocks
  - C. Hips
  - D. Abdominal area
18. Indian Standards Institution (ISI) was established in the year
  - A. 1947
  - B. 1950
  - C. 1975
  - D. 2001
19. The recommended time duration for washing hands before and after handling food is
  - A. 15 seconds
  - B. 20 seconds
  - C. 30 seconds
  - D. 60 seconds

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination - 17-Dec-2024

Time: Three Hours

Max. Marks: 25

### APPLIED BIOCHEMISTRY – SECTION - B

**Q.P. CODE: 1780**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)**

#### SHORT ESSAYS

**3 x 5 = 15 Marks**

1. Define Hypoglycemia. Describe the causes of hypoglycemia
2. Define phospholipids and give examples of common phospholipids with their function.
3. Define electrophoresis and explain about the types of electrophoresis

#### SHORT ANSWERS

**3 x 2 = 6 Marks**

4. Name the acids produced by the body
5. What is Heme degradation pathway?
6. List the tests for glomerular function

#### Multiple Choice Questions

**4 x 1 = 4 Marks**

7. The minimum period of fasting for blood sample for glucose estimation should be:
  - A. 4-6 hours
  - B. 6-8 hours
  - C. 8-10 hours
  - D. 10-12 hours
8. Most Co Enzymes are derived from
  - A. Vitamin A
  - B. Vitamin B
  - C. Vitamin C
  - D. Vitamin D
9. The buffer which has special importance in buffering pH in the extracellular fluid is:
  - A. Protein buffer
  - B. Phosphate buffer
  - C. Haemoglobin buffer
  - D. Bicarbonate buffer
10. The primary response antibody is
  - A. IgG
  - B. IgM
  - C. IgD
  - D. IgE

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# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination - 26-Jun-2024

Time: Three Hours

Max. Marks: 25

### APPLIED BIOCHEMISTRY – SECTION – B (RS-6)

**Q.P. CODE: 1780**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 1779 and 1780 are to be answered within total duration of 3 hours)**

#### SHORT ESSAYS

**3 x 5 = 15 Marks**

1. Explain in detail about digestion and absorption of carbohydrate
2. Define lipoproteins. Explain functions of lipoproteins
3. Define Amino acids. Describe the factors that affect denaturation of protein

#### SHORT ANSWERS

**3 x 2 = 6 Marks**

4. Write the Normal values of Arterial Blood Gas (ABG)
5. What is Physiological Jaundice?
6. List the tests to check the liver function

#### Multiple Choice Questions

**4 x 1 = 4 Marks**

7. The process of conversion of Glucose to Glycogen is
  - A. Glycolysis
  - B. Gluconeogenesis
  - C. Glycogenesis
  - D. Glycogenolysis
8. The enzyme ALT (Alanine Transaminase) is also called as
  - A. Aspartate Transaminase
  - B. Gamma Glutanyl Transpeptidase
  - C. Serum Glutamate pyruvate transaminase
  - D. Serum Glutamate Oxaloacetate
9. An example for weak acid is
  - A. KOH
  - B. NaOH
  - C. Acetic acid
  - D. HCl
10. Anaphylaxis is an example of
  - A. Auto immunity
  - B. Hypersensitivity
  - C. Tolerance
  - D. Herd immunity

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# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination - 19-Dec-2024

**Time: Three Hours**

**Max. Marks: 75**

### **NURSING FOUNDATION I & II (RS-6)**

**Q.P. CODE: 1781**

**(QP Contains Two Pages)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2 x 15 = 30 Marks**

1. Define therapeutic positions. Describe the various therapeutic positions with their advantages. Role of the nurse in ensuring body alignment in the therapeutic positions
2. Define Nursing Process. Enumerate the phases of nursing process. What is evaluation phase of Nursing Process? Describe the components of evaluation in terms of patient care

#### **SHORT ESSAYS**

**5 x 5 = 25 Marks**

3. Explain nurse's responsibility during hot application
4. Describe the first aid measures for frostbite
5. Explain nurses' role in preparation of a client and equipment for general physical examination
6. Describe the factors affecting micturition process
7. Explain the various sites of Intramuscular (IM) injection

#### **SHORT ANSWERS**

**4 x 2 = 8 Marks**

8. Enumerate any four areas of scope for Nurses to practice
9. List any four principles of segregation of Biomedical waste
10. Enlist the types of pediculi
11. Enumerate four key concepts in Nightingale's theory

#### **Multiple Choice Questions**

**12 x 1 = 12 Marks**

12. The highest level in Maslow's hierarchy of needs is
  - A. Self-actualisation
  - B. Self-belief
  - C. Self-control
  - D. Self-esteem
13. Mummy restraint is a type of
  - A. Chemical restraint
  - B. Physical restraint
  - C. Environmental restraint
  - D. Social restraint
14. The process of communication in which information is exchanged between peers in an organisation is
  - A. Crosswise communication
  - B. Horizontal communication
  - C. Vertical communication

# Rajiv Gandhi University of Health Sciences, Karnataka

## D. Visual communication

15. The record that identifies specific nursing care needed for each patient on a unit based on the level of intensity, nursing care and tasks for each patient is
  - A. Acuity record
  - B. Clinical record
  - C. Health record
  - D. Ward record
16. Respiratory complications due to immobility are all **EXCEPT**
  - A. Atelectasis
  - B. Pneumonia
  - C. Respiratory tract infection
  - D. Urinary incontinence
17. The procedure for removal of fluid from the abdominal cavity is called
  - A. Biopsy
  - B. Paracentesis
  - C. Pericardial aspiration
  - D. Thoracentesis
18. Excess accumulation of fluid in interstitial tissue spaces is
  - A. Dehydration
  - B. Edema
  - C. Osmosis
  - D. Perspiration
19. A deficiency in the normal function of sensory reception and perception is known as
  - A. Sensory deficit
  - B. Sensory deprivation
  - C. Sensory stimulus
  - D. Sensory overload
20. Anticipatory grief is
  - A. Failure to move through the stages of grief
  - B. Grief that occurs before the loss of a loved one
  - C. Grief that has not been recognised
  - D. Normal grief reactions that continues
21. A person who has high confidence has all **EXCEPT**
  - A. High self esteem
  - B. High social skills
  - C. High forgetfulness
  - D. High learning skills
22. The third phase in the human sexual cycle response is
  - A. Excitement phase
  - B. Orgasm phase
  - C. Plateau phase
  - D. Resolution phase
23. In forgetfulness, the symptom of stress is
  - A. Behavioural
  - B. Cognitive
  - C. Emotional
  - D. Physical



# Rajiv Gandhi University of Health Sciences, Karnataka

## II Semester B. Sc Nursing Degree Examination - 28-Jun-2024

**Time: Three Hours**

**Max. Marks: 75**

### **NURSING FOUNDATION I & II (RS-6)**

**Q.P. CODE: 1781**

**(QP Contains Two Pages)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### **LONG ESSAY**

**2 x 15 = 30 Marks**

1. Explain the physiological and behavioral responses to pain. List the factors affecting the pain experience. Distinguish the various pain assessment tools to assess the severity of pain
2. What is critical thinking? Mention the component of critical thinking and nursing Judgement. Explain the steps of Nursing process. Describe the process of Planning and illustrate with examples

#### **SHORT ESSAYS**

**5 x 5 = 25 Marks**

3. Explain nursing care of a client with dyspnoea
4. Explain the first aid measures for client with shock
5. Describe the steps in the assessment of thorax
6. Explain briefly the urinary diversion
7. Explain the purpose and principles of oral medication

#### **SHORT ANSWERS**

**4 x 2 = 8 Marks**

8. Expand "INC" and "TNAI"
9. Enlist any two nursing actions to prevent Nosocomial infection
10. List any four food items rich in high protein
11. Mention any four causes of pressure sores

#### **Multiple Choice Questions**

**12 x 1 = 12 Marks**

12. A disease that has an unknown cause or source is called
  - A. Iatrogenic disease
  - B. Idiopathic disease
  - C. Genetic disease
  - D. Terminal disease
13. Clove hitch restraint is used to immobilize
  - A. Abdomen
  - B. Hands
  - C. Head
  - D. Neck
14. Channels of communication are all **EXCEPT**
  - A. Email
  - B. Mind

# Rajiv Gandhi University of Health Sciences, Karnataka

- C. Mobile
- D. Television

15. A report that maintains the daily count of the number of patients admitted in the hospital is called
  - A. Accidental report
  - B. Census report
  - C. Incident report
  - D. Transfer report
16. Example of coordination tests in the lower limb is all **EXCEPT**
  - A. Foot close to foot test
  - B. Foot tapping test
  - C. Romberg's test
  - D. Weber's test
17. The presence of bile pigments in the urine results in colour change to
  - A. Bright red
  - B. Greenish yellow
  - C. Milky white
  - D. Smoky brown
18. Fluid overload is otherwise called
  - A. Dehydration
  - B. Fluid deficit
  - C. Hypervolemia
  - D. Hypovolemia
19. Tactioception refers to
  - A. The sense of hearing
  - B. The sense of vision
  - C. The sense of smell
  - D. The sense of touch
20. Discolouration of the body after death is called
  - A. Algor mortis
  - B. Decomposition
  - C. Livor mortis
  - D. Rigor mortis
21. The idea one has of one's abilities, appearance, and personality is known as
  - A. Self-image
  - B. Self-distrust
  - C. Self-centred
  - D. Self-doubt
22. The condition of experiencing recurring and intense sexual arousal in response to enduring moderate or extreme pain, suffering, or humiliation is known as
  - A. Paedophilia
  - B. Sexual masochism
  - C. Sexual sadism
  - D. Voyeurism
23. A stage in a person's life where adjustment and adaptation to new responsibilities and life patterns are necessary is called
  - A. Dispositional crisis
  - B. Maturational crisis
  - C. Social crisis
  - D. Situational crisis

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## II Semester B. Sc Nursing Degree Examination - 28-Jun-2024

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