

Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 30-Apr-2024

Time: Three Hours

Max. Marks: 37

APPLIED ANATOMY – SECTION – A (RS-6)

Q.P. CODE: 1775

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of three hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Write a note on blood supply to the heart

SHORT ESSAYS

3 x 5 = 15 Marks

2. Describe the nasal cavity and its applied anatomy
3. Explain about Deltoid muscle
4. Describe the cerebral hemisphere

SHORT ANSWERS

3 x 2 = 6 Marks

5. Draw the diagram of simple cuboidal epithelium
6. Describe the structure of anal canal
7. Define Bowman's capsule

Multiple Choice Questions

6 x 1 = 6 Marks

8. The pelvic region forms the
 - A. Lower portion of abdomen
 - B. Lower portion of thorax
 - C. Upper portion of abdomen
 - D. Upper portion of thorax
9. The centre of the backside of the abdomen is called
 - A. Gluteal region
 - B. Lumbar region
 - C. Pelvic region
 - D. Sacral region
10. Excessive secretion of glucocorticoids is
 - A. Addisons disease
 - B. Goiter
 - C. Cushing syndrome
 - D. Pheochromocytoma
11. Number of extrinsic muscles involved in the movement of eyeball are
 - A. 03
 - B. 05
 - C. 07
 - D. 09
12. The copulatory organ of female is
 - A. Ovaries
 - B. Uterine tubes
 - C. Uterus
 - D. Vagina
13. Cerebrospinal fluid in each ventricle is produced by
 - A. Arachnoid granulation
 - B. Arachnoid villus
 - C. Choroid Plexus
 - D. Diaphragmasellae

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I Semester B. Sc Nursing Degree Examination - 16-Dec-2024

Time: Three Hours

Max. Marks: 37

APPLIED ANATOMY – SECTION – A (RS-6)

Q.P. CODE: 1775

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of three hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Describe the factors regulating cardiac output
Or
Describe the structure of heart

SHORT ESSAYS

3 x 5 = 15 Marks

2. Name the parts of respiratory tract and describe lungs in detail with diagram
3. Describe the Trapezius muscle
4. Explain about Trochlear nerve

SHORT ANSWERS

3 x 2 = 6 Marks

5. Enumerate macrophages
6. Draw the diagram of stomach and label it
7. Enlist the layers of urinary bladder

Multiple Choice Questions

6 x 1 = 6 Marks

8. The cranial cavity comprises
 - A. Abdomen
 - B. Brain
 - C. Pelvis
 - D. Vertebra
9. The back of the hand is referred as
 - A. Digits
 - B. Dorsum
 - C. Palm
 - D. Thigh
10. Prolactin hormone is secreted by
 - A. Corticotrophs
 - B. Gonadotrophs
 - C. Luteotrophs
 - D. Mammatrophs
11. Auditory tube is also known as
 - A. Eustachian tube
 - B. External ear
 - C. Inner ear
 - D. Middle ear
12. Normal position of uterus is
 - A. Anteverted & anteflexed
 - B. Anteverted & retroflexed
 - C. Retroflexed & anteflexed
 - D. Retroverted & retroflexed
13. The total volume of cerebrospinal fluid is
 - A. 50 ml
 - B. 100 ml
 - C. 150 ml
 - D. 200 ml

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination – 30th April 2024

Time: Three Hours

Max. Marks: 38

APPLIED PHYSIOLOGY – SECTION – B (RS-6)

Q.P. CODE: 1776

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of 3 hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Describe the digestion in mouth.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Explain the hepatic portal system

Or

Explain the functions of liver

3. Describe the movements of pelvic girdle and explain the functions of pelvis

4. Elaborate parasympathetic nervous system

SHORT ANSWERS

3 x 2 = 6 Marks

5. Define Bronchiectasis
6. Define Gigantism
7. Enlist any four abnormal constituents of urine

Multiple Choice Questions

7 x 1 = 7 Marks

8. The process of 'cell eating' is termed as
 - A. Pinocytosis
 - B. Phagocytosis
 - C. Exocytosis
 - D. Epicytosis
9. The difference between systolic & diastolic blood pressure is
 - A. Arterial Pressure
 - B. Hydrostatic pressure
 - C. Pulse pressure
 - D. Osmotic pressure
10. Hemolysis is the process of
 - A. Destruction of all blood cells
 - B. Destruction of RBC
 - C. Destruction of WBC
 - D. Destruction of platelets
11. Glucocorticoids is produced by
 - A. Adrenal cortex
 - B. Parathyroid gland
 - C. Adrenal medulla
 - D. Pancreatic Islets

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12. The layer of the skin that provides elasticity and pliability is
- A. Stratum lucidum
 - B. Stratum germinativum
 - C. Dermis
 - D. Epidermis
13. Urinary excretion of sodium is regulated by
- A. Anterior pituitary
 - B. Posterior pituitary
 - C. Adrenal cortex
 - D. Adrenal medulla
14. The process of cell division in reproductive cell is
- A. Mitosis
 - B. Meiosis
 - C. Mutation
 - D. Replication

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I Semester B. Sc Nursing Degree Examination - 16-Dec-2024

Time: Three Hours

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APPLIED PHYSIOLOGY – SECTION – B (RS-6)

Q.P. CODE: 1776

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of 3 hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Describe the movements of the gastrointestinal tract and explain the phases of secretion of Gastric juice

SHORT ESSAYS

3 x 5 = 15 Marks

2. Classify the leukocytes and explain the functions of Leukocytes
3. State the functions of skeleton
4. Describe the functions of autonomic nervous system

SHORT ANSWERS

3 x 2 = 6 Marks

5. List down the factors affecting diffusion of gases
6. Enlist any four functions of Cortisol
7. State the hormones that regulate the glomerular filtration rate

Multiple Choice Questions

7 x 1 = 7 Marks

8. The tiny granules composed of RNA & protein is
 - A. Nucleus
 - B. Lysosomes
 - C. Ribosomes
 - D. Mitochondria
9. The first heart sound LUB is heard during the closure of
 - A. Aortic valve
 - B. Semilunar valve
 - C. Pulmonary valve
 - D. Atrio ventricular valve
10. The clear, straw coloured fluid portion of the blood which represents 55% of the total blood volume is called
 - A. Cells
 - B. Plasma
 - C. Platelets
 - D. Serum
11. Endocrine gland is otherwise called as
 - A. Ducted gland
 - B. Ductless gland
 - C. Enzyme
 - D. Hormone

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12. The secretions of sebaceous gland is called
- A. Keratin
 - B. Melanin
 - C. Sebum
 - D. Bile
13. The three orifices in the urinary bladder wall form a triangle known as
- A. Trigone
 - B. Trisomy
 - C. Urethral orifice
 - D. Ureter opening
14. The male reproductive cell, spermatozoa is produced from
- A. Testis
 - B. Scrotum
 - C. Fallopian tubes
 - D. Ovary

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I Semester B. Sc Nursing Degree Examination - 02-May-2024

Time: Three Hours

Max. Marks: 37

APPLIED SOCIOLOGY – SECTION – A (RS-6)

Q.P. CODE: 1777

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1777 and 1778 are to be answered within total duration of 3 hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Define social problems. Describe the causes and the preventive measures of major social problems in India.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Explain various types of disorganization
3. Describe the causes and characteristics of conflict
4. Tabulate the positive and negative impact of Caste in Society

SHORT ANSWERS

3 x 2 = 6 Marks

5. Enlist any FOUR characteristics of trans cultural society.
6. Enlist any FOUR advantages of monogamy.
7. List any FOUR marriage laws in India.

Multiple Choice Questions

6 x 1 = 6 Marks

8. Culture includes all dimensions, **EXCEPT**
 - A. Normative
 - B. Cognitive
 - C. Material
 - D. Physical
9. The family that includes cousins, aunts, and uncles is called
 - A. Nuclear family
 - B. Joint family
 - C. Extended family
 - D. Blended family
10. The criminal offense committed by the children is
 - A. Child abuse
 - B. Child labour
 - C. Juvenile delinquency
 - D. Juvenile labour
11. Elderly, women and children belong to

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- A. Vulnerable group
- B. Minority group
- C. Voluntary group
- D. Special group

12. The process of crisis intervention begins with

- A. Defining the problem
- B. Ensuring client safety
- C. Providing support
- D. Examining alternatives

13. Society in Sociology refers to a network of

- A. Emotional relationships
- B. Social relationship
- C. Physiological relationship
- D. All of the above

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I Semester B. Sc Nursing Degree Examination - 18-Dec-2024

Time: Three Hours

Max. Marks: 37

APPLIED SOCIOLOGY – SECTION – A (RS-6)

Q.P. CODE: 1777

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1777 and 1778 are to be answered within total duration of 3 hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Define social disorganization. Describe the causes and types of social disorganization

SHORT ESSAYS

3 x 5 = 15 Marks

2. Outline the process of social change
3. Explain different forms of social processes
4. Enumerate the characteristics of the Indian Caste System

SHORT ANSWERS

3 x 2 = 6 Marks

5. List any FOUR positive impacts of culture on health
6. Differentiate extended family from joint family
7. List any FOUR features of Hindu Marriage act

Multiple Choice Questions

6 x 1 = 6 Marks

8. Language is the chief vehicle that transmits
 - A. Culture
 - B. Class
 - C. Clan
 - D. Heredity
9. A marriage in which one woman marries more than one man at a given time is
 - A. Polyandry
 - B. Polygamy
 - C. Exogamy
 - D. Endogamy
10. Law, education, and force are formal means of
 - A. Social change
 - B. Social control
 - C. Social stratification
 - D. Social class
11. Child labour is the employment of a child less than

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- A. 18 years
- B. 16 years
- C. 14 years
- D. 12 years

12. The process of crisis intervention ends with

- A. Defining the problem
- B. Making plans
- C. Providing support
- D. Examining alternatives

13. Clinical Sociology is

- A. Natural science
- B. General science
- C. Applied science
- D. Concrete science

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I Semester B. Sc Nursing Degree Examination – 02 May 2024

Time: Three Hours

Max. Marks: 38

APPLIED PSYCHOLOGY – SECTION – B (RS-6)

Q.P. CODE: 1778

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1777 and 1778 are to be answered within total duration of 3 hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Define learning. Explain the factors influencing learning

SHORT ESSAYS

3 x 5 = 15 Marks

2. Describe defense mechanisms with appropriate examples
3. Explain social development of early childhood.
4. Elaborate the strategies to overcome barriers in Interpersonal Relationships.

SHORT ANSWERS

3 x 2 = 6 Marks

5. List out the characteristics of dependent personality disorder.
6. What is goal directed behaviour?
7. Enlist the Professional etiquettes in nursing.

Multiple Choice Questions

7 x 1 = 7 Marks

8. The method of psychology that helps to collect large amount of data in a short period of time is
 - A. Introspection method
 - B. Observation method
 - C. Experimental method
 - D. Survey method
9. Gama Amino Butyric Acid is a
 - A. Amino Acid
 - B. Trace Amines
 - C. Monoamines
 - D. Peptides
10. The genetic makeup of an individual inherited from the parents is
 - A. Phenotype
 - B. Genotype
 - C. Temperament
 - D. Trait
11. A drive towards excellence is
 - A. Physiological motivation
 - B. Achievement motivation
 - C. Unconscious motivation
 - D. Social motivation

A.

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12. The first stage in motivational cycle is
- A. Goal directed behaviour
 - B. Drive
 - C. Relief
 - D. Goal
13. A test that has a fixed time limit is
- A. Speed test
 - B. Power test
 - C. Performance test
 - D. Achievement test
14. Understanding of patient experience from his perspective is
- A. Sympathy
 - B. Adaptability
 - C. Empathy
 - D. Acceptability

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I Semester B. Sc Nursing Degree Examination - 18-Dec-2024

Time: Three Hours

Max. Marks: 38

APPLIED PSYCHOLOGY – SECTION – B (RS-6)

Q.P. CODE: 1778

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1777 and 1778 are to be answered within total duration of 3 hours)

LONG ESSAY

1 x 10 = 10 Marks

1. Define memory and explain the theories of forgetting.

SHORT ESSAYS

3 x 5 = 15 Marks

2. Explain any one defense mechanism and its implication.
3. Describe the psychological need of a sick person.
4. What are the barriers of interpersonal relationship?

SHORT ANSWERS

3 x 2 = 6 Marks

5. What are two major causes for alteration in personality?
6. List the components of motivation cycle.
7. List any two aspects of professional etiquette.

Multiple Choice Questions

7 x 1 = 7 Marks

8. A method of psychology where detailed information is obtained through in-depth study of a particular individual is called
 - A. Observational method
 - B. Correlational method
 - C. Experimental method
 - D. Case method
9. The important functions like perception, imagination, thought, judgement and decision occurs in
 - A. Cerebellum
 - B. Cerebrum
 - C. Spinal cord
 - D. Medulla
10. The pair of chromosomes that decides the sex of an individual is
 - A. 22nd
 - B. 20th
 - C. 23rd
 - D. 21st
11. "Belongingness" is an example for
 - A. Biological motive
 - B. Psychological motive
 - C. Personal motive
 - D. Social motive

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12. A method of coping with stress where a person decides to settle for less than what was originally wanted is called as
 - A. Compromise
 - B. Confrontation
 - C. Defensive coping
 - D. Deceiving

13. In Adults Memory and Information Processing Battery is designed to test
 - A. Memory function
 - B. Intelligent quotient
 - C. Personality
 - D. Aptitude

14. The willingness to adjust to work schedules is called as
 - A. Flexibility
 - B. Empathy
 - C. Adaptability
 - D. Sympathy
