

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. Name muscles of gluteal region. Describe gluteus maximus in detail

**SHORT ESSAYS**

3 x 5 = 15 Mark

2. Explain the structure of trachea with diagram
3. Describe the coverings of heart with diagram *layers of the diagram structure*
4. Enumerate about muscle spindles *or describe wrine with diagram.*

3 x 2 = 6 Mark

**SHORT ANSWERS**

5. Classify compound epithelium
6. List the parts of tongue
7. Name the support structure of bladder

6 x 1 = 6 Mark

**Multiple Choice Questions**

8. Raising the medial border of the foot is called
  - A. Eversion
  - B. Inversion
  - ☒ C. Pronation
  - D. Supination
9. The study of structures that can be observed with naked eye is called
  - A. Gross anatomy
  - B. Surface anatomy
  - C. Microscopic anatomy
  - D. Radiological anatomy
10. Excessive secretion of thyroid stimulating hormone leads to
  - A. Addison's disease
  - B. Cretinism
  - C. Cushing's syndrome
  - ☒ D. Grave's disease
11. The structure which is in direct contact with tympanic membrane is
  - A. Incus
  - ☒ B. Malleus
  - C. Semicircular cells
  - D. Stapes
12. The uterus layer which is sloughed off during menstruation is
  - ☒ A. Endometrium
  - B. Myometrium
  - C. Perimetrium
  - D. Serous layer
13. The cranial nerve that arises from both brain and spinal cord is
  - ☒ A. Accessory nerve
  - B. Hypoglossal nerve
  - C. Gloss pharyngeal nerve
  - D. Vagus nerve

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# Rajiv Gandhi University of Health Sciences, Karnataka

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 - 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



# Rajiv Gandhi University of Health Sciences, Karnataka

I Semester B. Sc Nursing Degree Examination - 12-Jan-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. Explain the structure of circle of Willis with neat diagram.

### SHORT ESSAYS

3 x 5 = 15 Marks

2. Explain about Thoracic duct.
3. Explain the structure of Biceps Brachii muscle.
4. Describe neuromuscular junction with a neat labelled diagram.

### SHORT ANSWERS

3 x 2 = 6 Marks

5. List the properties of muscle
6. Name the muscles of pharynx
7. Draw the diagram of gross structure of kidney

### Multiple Choice Questions

6 x 1 = 6 Marks

8. The neck is referred to as
  - A. Cervical region
  - B. Gluteal region
  - C. Lumbar region
  - D. Pelvic region
9. Raising the lateral border of the foot is
  - A. Eversion
  - B. Inversion
  - C. Pronation
  - D. Supination
10. The hormone which increases the water reabsorption and produces concentrated urine is
  - A. ADH (Antidiuretic hormone)
  - B. ACTH (Adrenocorticotrophic hormone)
  - C. FSH (Follicular stimulating hormone)
  - D. Somatotrophic hormone
11. Semicircular cells are present in
  - A. Cochlea
  - B. Internal ear
  - C. Middle ear
  - D. Outer ear
12. Cervix is supplied by
  - A. Pelvic splanchnic nerve
  - B. Pudendal nerve
  - C. Lumbar 5
  - D. Sacral nerve
13. Lateral corticospinal tract terminates at
  - A. Anterior horn cells of spinal cord
  - B. Clarke's column
  - C. Substantia gelatinosa
  - D. Lateral nucleus of thalamus





### 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 3 hours)**

#### LONG ESSAY

1 x 10 = 10 Marks

1. Draw and label the Bones of the Skull and describe them

#### SHORT ESSAYS

3 x 5 = 15 Marks

2. Describe the structure of Pharynx
3. Explain Spleen in detail location, external features, blood supply and histology
4. Describe the structure of Neurons

#### SHORT ANSWERS

3 x 2 = 6 Marks

5. List the types of connective tissue
6. What is Duodenum?
7. Mention the constrictions of Ureter

#### Multiple Choice Questions

6 x 1 = 6 Marks

8. The cell organelle that contains DNA
  - A. Mitochondria
  - B. Golgi apparatus
  - C. Smooth endoplasmic reticulum
  - D. Rough endoplasmic reticulum
9. The cartilage that provides support and maintains shape of the pinna or lobe of the ear
  - A. Hyaline cartilage
  - B. Fibro cartilage
  - C. Elastic fibro cartilage
  - D. Chondro cartilage
10. The hormones responsible for "fight or flight" reaction are
  - A. T3 and T4
  - B. Estrogen and Progesterone
  - C. Epinephrine and Norepinephrine
  - D. Insulin and Glucagon
11. The sense of taste is termed as
  - A. Olfaction
  - B. Audition
  - C. Gustation
  - D. Aromation
12. Normal site of fertilization in the fallopian tube is
  - A. Ampulla
  - B. Infundibulum
  - C. Isthmus
  - D. Fimbriae
13. The motor nerve which helps the movement of tongue is
  - A. Facial nerve
  - B. Oculomotor nerve
  - C. Accessory nerve
  - D. Hypoglossal nerve

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 24-Feb-2023

Time: Three Hours

Max. Marks: 37 Marks

## ANATOMY (RS3, RS4 & RS5)

Q.P. Code: 1753

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. Answers All Questions

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

### LONG ESSAYS

1 x 10 = 10 Marks

1. Name the parts of the respiratory system. Describe the lungs in detail.

### SHORT ESSAYS

3 x 5 = 15 Marks

2. Classify Epithelium with examples for each. Describe in detail the stratified squamous epithelium with diagram.
3. Describe nephron in detail.
4. Explain cerebellum with its anatomical significance.

### SHORT ANSWERS

6 x 2 = 12 Marks

5. Name the coverings of heart.
6. Structure of pancreas.
7. Name the ventricles of brain.
8. Name the muscles used for intramuscular injections.
9. Mention the sensory nerve supply of tongue.
10. Name any 4 cranial nerves

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 20-May-2022

Time: Three Hours

Max. Marks: 37 Marks

## ANATOMY (RS2, RS3, RS4 & RS5) Q.P. Code: 1753

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer All Questions  
(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

### LONG ESSAYS

1 x 10 = 10 Marks

1. Describe the gross anatomy of heart in detail.

### SHORT ESSAYS

3 x 5 = 15 Marks

2. Classify epithelium. Describe in detail the stratified squamous epithelium with diagram.
3. Explain the structure of cerebellum in detail.
4. Describe urinary bladder in detail.

### SHORT ANSWERS

6 x 2 = 12 Marks

5. Draw the structure of cell.
6. Define two types of skeleton.
7. Name the parts of central nervous system.
8. Name three layers of wall of blood vessel.
9. Describe pancreas.
10. Draw a diagram on the structure of uterus.

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