

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Optometry Degree Examination - 20-Nov-2024

Time: Three Hours

Max. Marks: 100 Marks

## GENERAL ANATOMY AND GENERAL PHYSIOLOGY (RS-4)

### Section A: GENERAL ANATOMY– (50 Marks)

**Q.P. CODE: 3341**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 3341 and 3342 are to be answered within total duration of 3 hours)**

#### LONG ESSAYS (First Question Choice)

**1 x 10 = 10 Marks**

1. Mention the parts of respiratory system. Describe the location, relation, parts, internal structure and blood supply of lung.

**Or**

List the parts of digestive system. Discuss in detail anatomy of exocrine and endocrine pancreas.

#### SHORT ESSAYS (Question No 5 choice)

**5 x 5 = 25 Marks**

2. Explain spinal cord and its cross section.
3. Male reproductive system.
4. Classify connective tissue. Write briefly the macroscopic structure of typical long bone.
5. Discuss the external and internal structure of heart with neat labelled diagram.

**Or**

Anatomy of Cerebrum.

6. Lymph node – structure, distribution and diagram.

#### SHORT ANSWER (Question No. 10 choice)

**5 x 3 = 15 Marks**

7. Types and location of tonsil.
8. Difference between male and female urethra.
9. Muscles of facial expression.
10. What are endocrine glands? Give three examples.

**Or**

What are exocrine glands? Give three examples.

11. Name cranial nerves in order.

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