

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination - 12-Dec-2022

Time: Three Hours

Max. Marks: 100 Marks

## BASIC ANATOMY INCLUDING HISTOLOGY

(RS-3 – B.Sc Cardiac Care Technology, Perfusion Technology, Renal Dialysis Technology, Respiratory Care Technology, Neuro Sciences Technology, Anesthesia Technology, Operation Theatre Technology, Emergency and Trauma Care Technology)

(RS-4 – B.Sc Medical Laboratory Technology, Medical Imaging Technology and Radiotherapy Technology) Anesthesia and Operation Theatre Technology

**Q.P. CODE: 3261**

**(QP contains two pages)**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

### LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Name the endocrine glands. Describe thyroid gland in detail.
2. Draw the diagrams of sulci and gyri on the surfaces of cerebrum.

**OR**

Describe the structure of eyeball in detail.

### SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Spermatogenesis.
4. Histology of elastic cartilage.
5. Neuroglial cells.
6. Right ventricle.
7. Bronchopulmonary segments of lung.
8. Structure of nephron.
9. Corpus callosum – parts, fibres and function.

**OR**

Inter-vertebral disc.

10. Thyroid gland.
11. Classify epithelium and write in detail about columnar epithelium.
12. Structure of cell.

**OR**

Difference between small intestine and intestine.

### SHORT ANSWER (Question No 15 & 20 choice)

10 x 3 = 30 Marks

13. Name the cranial nerves in order.
14. Name the paranasal air sinuses.
15. Name the structures passing through the major opening of diaphragm.

**OR**

Name the branches of abdominal aorta.

16. Name the dural venous sinuses.

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17. Microscopic structure of cardiac muscle.
18. Tributaries of inferior vena cava.
19. Nerve supply of tongue.
20. Name the subdivisions of parietal pleura  
**OR**  
Name the cranial nerves in order.
21. Prostate gland.
22. Name the subdivisions of brain.

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