Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination - 22-Oct-2026

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

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. Describe the blood supply of the heart.
2. Name the parts of excretory system. Explain the urinary bladder in detail.

   OR

   Name the parts of central nervous system. Describe the sulci and gyri of the supero-lateral surface of cerebrum.

SHORT ESSAYS (Question No 5 & 10 choice) **10 x 5 = 50 Marks**

3. Name the three cartilages. Draw the microstructure of hyaline cartilage.
4. Describe the parts and blood supply of pancreas.
5. Explain with a neat labelled diagram parts of the eyeball.

   OR

   Describe the scalp – layers, blood supply and nerve supply.
6. Microscopic structure of skeletal muscle.
7. Name the parts of uterus. Add a note on supports of uterus.
8. Draw a neat labelled diagram of ultrastructure of animal cell.
9. Describe the features of bronchopulmonary segments.
10. Biceps Brachi muscle – attachments, nerve supply and action.

    OR

    Mediastinal surface of right and left lung.
11. Oogenesis.
12. Classify synovial joints with suitable examples.

SHORT ANSWER (Question No 15 & 20 choice) **10 x 3 = 30 Marks**

13. Name the major openings of the diaphragm.
14. Name any three muscles of larynx.
15. Name the parts of small intestine.

    OR

    Name the ear ossicles.
16. Name any three endocrine glands.
17. Name the covering of testis.
18. Name the parts of fallopian tube.
19. List the contents of cubital fossa.
20. Name the cranial nerves in order.

    OR

    Name any three branches of abdominal aorta.
21. Name the components of Waldeyer's lymphatic ring.
22. Name the ligaments of the liver.

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