

Rajiv Gandhi University of Health Sciences, Karnataka
First Phase MBBS Degree Examination – June 2013

Time: Three Hours

Max. Marks: 100 Marks

**ANATOMY-PAPER I
(REVISED SCHEME)**

QP Code: 1051

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS

2 x 9 = 18 Marks

1. Discuss the shoulder joint under the following headings -
a) Type and subtype b) Articular surfaces c) Ligaments d) Movements and muscle causing them
2. Describe the Diaphragm under the following headings -
a) Attachments b) Action and nerve supply c) Openings d) Applied anatomy

SHORT ESSAYS

10 x 5 = 50 Marks

3. Describe the attachments, actions and nerve supply of the muscles of the soft palate
4. Describe the location, parts, relations and nerve supply of the submandibular gland
5. Mention the subdivisions of the pharynx and explain the nasopharynx
6. Describe the origin, course, branches and termination of the external carotid artery
7. Describe the origin, insertion, actions, nerve supply and applied importance of the lumbrical muscles
8. Draw a neat labeled diagram of mid brain at the level of superior colliculus
9. Describe the boundaries of the lateral ventricle.
10. List the differences between right and left lung
11. Explain the formation of the Graafian follicle.
12. Discuss the microscopic anatomy of the transverse section of the compact bone

SHORT ANSWERS

16 x 2 = 32 Marks

13. Name the types of cells present in the transitional epithelium and mention their functions.
14. Mention the action and nerve supply of the Deltoid muscle
15. Name the area supplied by the right coronary artery
16. Consequences of non-disjunction
17. What are the differences between fetal and maternal side of the placenta?
18. Dangerous area of the face
19. Name the components and medial relations of the tympanic membrane
20. What are the components of the lacrimal apparatus and what is its function?
21. Name the structures present in the lateral wall of the cavernous sinus
22. Mention the branches of the typical intercostals nerve
23. Name the contents of the superior mediastinum
24. Name the components of the connective tissue
25. Mention the typical features of the thoracic vertebra
26. What are the consequences of fertilization?
27. Name the branches of the trigeminal nerve in the face
28. Name the cranial dural folds