

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. Describe the blood supply of the heart.
2. Describe the parotid gland under the following headings
 - a) Position b) Coverings c) Parts d) Major relations e) Nerve supply

SHORT ESSAYS

10 x 5 = 50 Marks

3. Discuss the origin course, branches and termination of the radial artery
4. Describe the articular surfaces, ligaments, movements of the shoulder joint
5. Explain the position, formation and branches of the superficial palmar arch
6. Classify the bones and explain the components of the long bone
7. Draw and label the microstructure of the sensory ganglion
8. List the differences in the interior of the right and left atrium
9. Describe the formation, course, area of drainage and termination of the thoracic duct
10. Describe the arterial supply and innervations of the lateral wall of the nose
11. Explain the attachments, action and nerve supply of the Recti muscles of the eye ball
12. Describe the neural tube formation and associated anomalies of the neural tube

SHORT ANSWERS

16 x 2 = 32 Marks

13. Mention the sensory and motor innervations of the larynx
14. List the contents of the Carotid triangle
15. What are the branches of the first part of the Maxillary Artery?
16. Name the components of the nasal septum
17. Name the sensory and motor innervations of the anterior quadrant of the scalp
18. What are the secretions from the basophilic cells of the pituitary gland?
19. Classify fibrous joints and give examples for each
20. What is the fate of the allantois?
21. List any four functional areas of the cerebrum supplied by the Middle cerebral artery
22. Mention any two afferent and efferent fibers present in the middle cerebral peduncle
23. What is hypothalamo-hypophysial portal system?
24. Which are the parts of the body controlled by the paracentral lobule of the cerebrum?
25. What is choroid plexus and where are they present?
26. Mention the attachments of the biceps brachii muscle
27. Name the boundaries and contents of the inferior triangular intermuscular space in the arm
28. Mention the branches of the medial cord of the brachial plexus