

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Multiple Choice Questions:

10 X 1 = 10

1. Lateral boundary of cubital fossa is formed by.....
 - a) Biceps brachii muscle
 - b) Brachioradialis muscle
 - c) Brachialis muscle
 - d) Pronator teres muscle
2. Which is not a cranial nerve.....
 - a) Vagus
 - b) Glossopharyngeal
 - c) Phrenic
 - d) Hypoglossal.
3. Pons contains which of the following set of nuclei
 - a) IX, X, XI, XII.
 - b) V, VI, VII, VIII.
 - c) III, IV
 - d) IV, V, VI, VII
4. Intercalated discs are present in.....
 - a) Cardiac muscle
 - b) Smooth muscle
 - c) Skeletal muscle.
 - d) Large sized artery
5. Internal elastic lamina is present in
 - a) Elastic artery
 - b) Muscular artery
 - c) Capillaries
 - d) Large sized vein
6. Sensory ganglia develop from
 - a) Neuro ectoderm
 - b) Mesoderm
 - c) Neural crest cells
 - d) Neural crest cells
7. Somites arise from
 - a) Intermediate mesoderm
 - b) Lateral plate mesoderm
 - c) Paraxial mesoderm
 - d) Extra embryonic mesoderm
8. Following structures present in carpal tunnel except
 - a) Tendon of Palmaris longus
 - b) Tendon of flexor pollicis longus
 - c) Tendon of flexor digitorum profundus
 - d) Median nerve
9. Oesophageal glands are present in
 - a) Lamina propria layer.
 - b) Submucous layer
 - c) Muscular layer
 - d) Serosus layer
10. Superior sagittal sinus present in
 - a) Falx cerebrii
 - b) Falx cerebelli.
 - c) Tentorium cerebelli
 - d) Diaphragm sellae

Essay/ Long Answer Questions:**2 X 15 = 30**

11. A 25 year old male came with complaints of running nose, headache and blocked nose to the ENT O.P. The doctor suspected viral infection.

a) Evaluate the probable diagnosis?

Describe the paranasal air sinuses under the following headings.

b) Classification of paranasal air sinuses.

c) Write gross anatomy of maxillary air sinus in detail.

d) Write relations of maxillary air sinus.

e) Give brief about blood supply and nerves supply of maxillary air sinus.

(2+3+3+3+4)

12. Discuss the brachial plexus under the following headings.

a) Formation

b) Flowchart showing cords, divisions, branches

Site of lesions and clinical features about the

c) Erb's palsy

d) Klumpke's palsy

(4+5+3+3)

Short Answer Questions:**7 X 6 = 42**

13. Write the parts of the internal capsules.

14. Diagram of the floor of the 4th ventricle.

15. Write about the blood supply of spinal cord.

16. Explain about the suprahyoid muscles.

17. Explain microanatomy of the cerebellum with diagram.

18. Mention the Physician's role and responsibility to society and the community that she/he serves.

19. Embryological basis of cleft lip and cleft palate.

Very Short Answer Questions:**6 X 3 = 18**

20. Write about the muscles of the thenar muscles.

21. Draw neat labelled diagram of histology of the muscular artery.

22. Write the types of chorionic villi with diagrams.

23. Explain the anatomical basis for the black eye.

24. Draw neat labelled diagram of histology of retina.

25. Derivatives of neural crest cells..
