

MODEL QUESTION PAPERS

Paper I - *Gross Anatomy including Surface & Radiological Anatomy and Newer imaging techniques.*

Duration: 3hrs

Max. Marks: 100

Illustrate your answers with suitable diagrams

I. Describe the origin, course, branches and distribution of facial nerve. Mention the effects of its injury at various levels.

(20marks)

2. Write short notes on

- a. Nasal septum
- b. Scalenus anterior muscle
- c. Great saphenous vein
- d. Trunks of brachial plexus
- e. Cruciate ligaments of knee joint
- f. Pleural recesses
- g. Hepatobiliary segments
- h. Thoracic splanchnic nerves

(8 x 10=80marks)

Paper II - Embryology, Genetics, Histology and Anatomical techniques

Duration: 3hrs

Max. marks: 100

Illustrate your answers with suitable diagrams

I. Describe the development of face and palate. Add a note on their developmental anomalies.

(20marks)

2. Write short notes on.

- a. Karyotyping
- b. FISH
- c. Midgut loop
- d. Microscopic structure of pituitary gland.
- e. Corrosion cast
- f. Supravital staining.
- g. Twinning.
- h. Homeobox (Hox) genes.

(8 x 10 = 80 marks)

**Paper III - Neuroanatomy including Embryology and
Histology of Nervous System.**

Duration: 3hrs

Max. marks: 100

Illustrate your answers with suitable diagrams

I. Describe the functional areas in each lobe of cerebrum. Add a note on the effects of their lesion.

(20 marks)

2. Write short notes on

- a. Blood – CSF barrier.
- b. Microscopic structure of cerebellum
- c. Corpus striatum.
- d. Pupillary light reflex.
- e. Neural stem cells in hippocampus.
- f. Third ventricle
- g. Papez circuit.
- h. Neural tube defects.

(8 x 10 = 80 marks)

Paper IV - Clinically oriented Anatomy and Recent advances

Duration: 3hrs

Max. marks: 100

Illustrate your answers with suitable diagrams

I. Describe the layers of cervical fascia, the fascial planes in the neck and their surgical significance.

(20 marks)

2. Write short notes on

- a. Surgical anatomy of maxillary air sinus.
- b. Foetal nerve cell transplantation in Parkinson's disease
- c. Femoral canal
- d. Killian's dehiscence.
- e. Surgical anatomy of lesser sac
- f. Lymphatic drainage of tongue
- g. Applied anatomy of scalp
- h. Dangerous area of face.

(8 x 10 = 80 marks)