



All India Institute of Medical Sciences, Kalyani

First Professional MBBS Supplementary Examination (Batch-2021)

Time: 3 Hrs.

Anatomy (Paper-II)

Marks: 100

INSTRUCTIONS:

- Answer all questions.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book

SECTION – A (50 MARKS)

Head& Neck, Face and Special senses (with related histology and embryology)

Long answer question:

[1+3+2+4=10]

1. Describe in detail the Tongue under following headings:
 - a. Presenting parts
 - b. Muscles
 - c. Nerve supply
 - d. Development and related anomalies

Write Short notes on:

[5X5=25]

2. Blood supply and nerve supply of Scalp
3. Action of extra ocular muscles
4. Functional component and nuclei of trigeminal nerve
5. Microscopic structure of Pituitary gland
6. Second pharyngeal arch and its derivatives

Answer in brief:

[5x3=15]

7. What is Little's area? Mention its clinical importance
8. Why vocal cord is called as watershed line of larynx?
9. Write briefly about development of palate.
10. Explain the anatomical basis of Frey's syndrome.
11. List the components of Waldayer's ring

SECTION - B (50 MARKS)
(Thorax and Neuroanatomy (with related histology and embryology))

Long answer question:

[2+4+4=10]

1. Enumerate the Ventricles of brain. Describe the floor of fourth ventricle with neat labelled diagram. Add a note on CSF circulation.

Write Short notes on:

[5X5=25]

2. Azygos system of veins
3. Microscopic structure of Cerebrum
4. Blood supply of internal capsule and its applied anatomy
5. Boundaries and contents of Posterior mediastinum.
6. Internal features of right atrium

Answer in brief:

[5x3=15]

7. Compare and contrast cranial and spinal dura.
 8. Write any 3 Neural tube defects.
 9. Clinical basis of hemianopia.
 10. Embryological basis of Trachea esophageal fistula.
 11. Development of interventricular septum
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