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MBBS FIRST YEAR SUPPLEMENTARY EXAMINATIONS: NOVEMBER,2025

ANATOMY
PAPER – II

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Multiple Choice Questions:

10 X 1 = 10

1. Anterior grey column of spinal cord contains.....
 - a) Unipolar cells
 - b) Multipolar cells
 - c) Bipolar cells
 - d) Pseudo unipolar cells
2. Ovarian artery is a branch of
 - a) Abdominal aorta
 - b) Descending thoracic aorta
 - c) External iliac artery
 - d) Internal iliac artery
3. Phocomelia is due to ingestion following drug during pregnancy.....
 - a) Thalidomide
 - b) Tetracycline
 - c) Penicillin
 - d) Erythromycin
4. Development of lung consists of following stages.....
 - a) Psedoglandular stage
 - b) Canalicular stage
 - c) Terminal sac stage
 - d) All of the above
5. Ito cells are present in
 - a) Stomach
 - b) Liver
 - c) Kidney
 - d) Pancreas
6. Following is the main artery of anterior compartment of leg
 - a) Anterior tibial
 - b) Dorsalis pedis
 - c) Peroneal
 - d) Popliteal
7. Following are the boundaries of epiploic foramen
 - a) Right free margin of lesser Omentum
 - b) Inferior vena cava
 - c) First part of duodenum
 - d) All of the above
8. Which of the following nerve innervates the mediastinal pleura
 - a) Vagus
 - b) Phrenic
 - c) Intercostal
 - d) Splanchnic
9. Which of the following structure is not related to mediastinal surface of right lung
 - a) Superior vena cava
 - b) Thoracic duct
 - c) Trachea
 - d) Oesophagus

10. Sutures are examples of

- a) Fibrous joint
- b) Synovial joints
- c) Cartilaginous joint
- d) None of the above

Essay/ Long Answer Questions:

2 X 15 = 30

11. A 30-year-old man admitted in the hospital with complaints indigestion, epigastric pain from three days. Pain is reliving on taking antacids and food.

a) What is the probable diagnosis?

Describe the stomach under the following headings.

b) Gross anatomy and curvatures of stomach.

c) Relations of the stomach.

d) Blood supply of the stomach.

e) Lymphatic drainage and applied aspects. (1+4+3+2+5)

12. Discuss about the arches of foot under the following headings.

a) Define the arches of the foot.

b) Bone forming the arches of foot.

c) Ligaments that supporting the arches of the foot.

d) Muscles support to the arches of foot.

e) Applied aspects for deformed arches. (2+3+4+2+4)

Short Answer Questions:

7 X 6 = 42

13. Describe the formation, relations and tributaries of the thoracic duct.

14. Embryological basis for the “Meckel’s diverticulum”

15. Neat labelled diagram of “stomach bed”

16. Explain the procedure of handling cadavers.

17. Neat diagram of histology of the ovary.

18. Compare visceral relations of the Mediastinal surfaces of right and left lungs.

19. Enumerate Pleural Recesses.

Very Short Answer Questions:

6 X 3 = 18

20. Compare the differences between cardiac and skeletal muscles.

21. Neat labelled diagram of histology of the urinary bladder.

22. Explain genetic basis for Klinefelter’s syndrome.

23. Write about the attachment and contents of the broad ligament of uterus.

24. Write boundaries, content and clinical importance of the popliteal fossa.

25. Enumerate the derivatives of paramesonephric duct.
