

**KALOJI NARAYANA RAO UNIVERSITY OF
HEALTH SCIENCES
WARANGAL, TELANGANA STATE-506002
MBBS FIRST YEAR SUPPLEMENTARY
EXAMINATIONS: FEBRUARY/MARCH, 2024
ANATOMY (NEW REGULATION)
PAPER-II**

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Multiple Choice Questions:

10 X1=10

- 1) Mutation of which chromosome occurs in haemophilia
 - a) Chromosome 21
 - b) Chromosome 22
 - c) Chromosome X
 - d) Chromosome Y
- 2) Definition of Hilton's law is
 - a) The nerve supplying a muscle also supplies the overlying skin and underlying joint
 - c) The capsule is rich in nerve fibres
 - ~~b) Muscle around the joint act on~~

the same joint

- d) The synovial membrane is rich in capillaries
- 3) Boundaries of mediastinum are all except.--
- a) Sternum
 - c) Thoracic inlet
 - b) Diaphragm
 - d) Cervical vertebra
- 4) The most characteristic feature of the thoracic vertebrae is
- a) The body is heart shaped
 - c) The body has costal facets
 - b) The spine is oblique
 - d) Vertebral foramen is small and circular.
- 5) Pheochrome cells are present in
- a) Adrenal medulla
 - c) Kidney
 - b) Adrenal cortex
 - d) Liver
- 6) Components of Lymphatic system are all except
- a) Lymph vessels
 - c) Peripheral lymphoid organs
 - b) Central lymphoid organs
 - d) Circulating red blood cells
- 7) Upper and medial surface of tibia gives insertion to

following muscles.

- a) Sartorius
 - c) Semitendinosus
 - b) Gracilis
 - d) All of the above
- 8) Ossification centre for the lower end of femur appears
- a) Before birth.
 - c) First year
 - b) 7th week of intrauterine life
 - d) Fourth year
- 9) All are retroperitoneal organs except
- a) Kidney
 - c) Spleen
 - b) Suprarenal glands
 - d) Descending colon
- 10) Which of the following is formed by mesonephric duct?
- a) Uterus
 - c) Ureter
 - b) Penis
 - d) Uterine Tube

Essay/ Long Answer Questions:

2 X 15=30

11. A 55-year-old man, a chronic alcoholic was admitted in the hospital with

complaints of weakness, repeated episodes of

vomiting of blood and pain in the

right upper part of the abdomen. On examination doctor found jaundice, enlarged

liver and spleen and dilated tortuous veins radiating from the umbilicus. (2+2+4+2+5)

a) What is the probable diagnosis?

Describe the liver under the following headings.

b) External features and lobes of the liver.

c) Ligaments of the liver.

d) Peritoneal relations

e) Add a note on blood supply, venous drainage and lymphatic drainage

12. Discuss about the gluteus Maximus muscle under these headings. (3+2+3+5+2)

a) Origin and insertion of the muscle.

b) Actions of the muscle.

c) Blood supply and nerves supply.

d) Structures under cover of gluteus muscle.

e) Clinical importance of the muscle.

Short Answer Questions:

7X6=42

13. Describe sinuses of pericardium.

14. Compare the relations of right and left hila of the lungs.

15. Describe the relations and branches of arch of aorta.

16. Embryological basis for undescended testis.
17. Neat labelled diagram of relations of duodenum-2nd part.
18. Why should we give respect to cadavers - Explain?
19. Neat labelled diagram of microanatomy of Ovary.

Very Short Answer Questions:

6X3=18

20. Write differences between fibrocartilage and hyaline cartilage.
21. Neatlabelled diagram of histology of Pancreas.
22. Enumerate derivatives of the hindgut.
23. Contents of Superficial perineal pouch.
24. Describe karyotyping.
25. Write about the extent and branches of femoral artery.
