

**KALOJI NARAYANA RAO UNIVERSITY OF
HEALTH SCIENCES
WARANGAL, TELANGANA STATE - 506 002
MBBS FIRST YEAR SUPPLEMENTARY
EXAMINATIONS: FEBRUARY/MARCH, 2024
ANATOMY (NEW REGULATION)
PAPER - I**

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Multiple Choice Questions: 10 X 1 = 10

1) Fracture of humerus at midshaft is likely to cause injury to which of the following nerves?

- a) Median
- c) Ulnar
- b) Radial
- d) Musculo cutaneous

2) Transitional epithelium is present in

- a) Stomach
- c) Uterus
- b) Urinary bladder
- d) Lungs

3) Serous demilunes are seen in the gland of

- a) Pancreas

- c) Liver
b) Submandibular
d) Gastric
- 4) Outer epithelial layer of tympanic membrane is lined by this epithelium:
a) Transitional
c) Stratified Squamous keratinized
b) Pseudostratified
d) Stratified squamous non keratinized
- 5) Number of maternal cotyledons in human placenta are
a) 5-10
c) 15-20
b) 10-15
d) 20-25
- 6) All the following are derived from ectoderm except
a) Epidermis
c) Hair follicle
b) Nails
d) Arrector pili
- 7) All the following are derived from neural crest except
a) APUD cells
c) Odontoblasts
b) C cells of Thyroid
d) Alfa cells of islets of Langerhans
- 8) Which layer of scalp is regarded as the dangerous layer
a) Subcutaneous layer
c) layer of loose areolar tissue
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- b) Aponeurotic layer
d) pericranium
- 9) The inferior thyroid artery is a branch of
a) External carotid artery
c) Thyro-cervical trunk
b) Internal carotid artery
d) Brachio-cephalic trunk
- 10) Spinal cord ends at the level of.....
a) Lower end of L₂ vertebra
c) Upper end of L₁ vertebra
b) Lower end of L₁ vertebra
d) Lower end of L₄ vertebra

Essay/ Long Answer Questions: 2 X 15 = 30

- 11) A 30-year female complaining of swelling in front of neck since 2 years it is painless on examination and swelling moves with deglutition. (a) Evaluate the probable diagnosis. Describe the involved gland under the following headings. (b) Location (c) capsule (d) external features (e) relations with diagrams (f) applied anatomy (1+1+3+3+3+4)
- 12) Describe the shoulder joint under following headings (a) Type (b) bones taking part (c) ligaments (d) relations (e) applied anatomy (1+2+3+4+5)

Short Answer Questions: 7 X 6 = 42

- 13) Diagram of T.S of midbrain at level of inferior colliculi.
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- 14) Development of face.
- 15) Corpus callosum.
- 16) Mention the Physician's role and responsibility to society and the community that she/he serves.
- 17) Facial artery.
- 18) Draw a neat labelled diagram of Histology of Retina.
- 19) Enumerate the nuclei and their functions of the hypothalamus.

Very Short Answer Questions: 6 X 3 = 18

- 20) Draw a neat labelled diagram of histology of thymus.
- 21) Derivatives of foregut.
- 22) Structure and formation of umbilical cord
- 23) Draw a labelled diagram of microanatomy of Elastic artery.
- 24) Diagram showing kissel bach's plexus.
- 25) Lumbricals.