

**First Professional B.H.M.S Regular Examination****HUMAN ANATOMY (Hom UG-AN) - PAPER I**

(2022 Scheme)

Time 3 hours

Total Marks :100

*Answer all questions to the point, neatly and legibly.**Do not leave any blank pages between answers.**Indicate the question number correctly for the answer, in the margin space.**Answer all parts of a single question together.**Leave sufficient space between answers.**Draw diagrams wherever necessary.*

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**1. MULTIPLE CHOICE QUESTIONS (MCQ)****(1 x 10 = 10)**

The answers to MCQ shall be written continuously in the first writing sheet (page 3) only.

- I. Muscle seen in superficial fascia
  - a. platysma
  - b. longus colli
  - c. Anconeus
  - d. Pyramidalis
  
- II. Primary cartilagenous jointis
  - a. Symphysis
  - b. Synchondroses
  - c. gomphoses
  - d. syndesmosis
  
- III. Which vein pierces the clavipectoral fascia
  - a. subclavian vein
  - b. Axillary vein
  - c. Basilic vein
  - d. Cephalic vein
  
- IV. Dupuytren's contracture is related to
  - a. flexor retinaculum
  - b. palmar aponeurosis
  - c. ulnar nerve
  - d. Radial nerve

- V. All are Infrahyoid muscles except
- stylohyoid
  - omohyoid
  - thyrohyoid
  - sternothyroid
- VI. Maxillary sinus opens into
- Superior meatus
  - middlemeatus
  - inferior meatus
  - sphenoethmoidal recess
- VII. Third cranial nerve arises from
- mid brain
  - pons
  - medulla
  - Cerebrum
- VIII. All are modifications of Piamater except
- filum terminale
  - ligamentum flava
  - linea splendens
  - subarachnoid septum
- IX. Peritoneum develops from
- lateral plate mesoderm
  - endoderm
  - intermediate mesoderm
  - paraxial mesoderm
- X. Which statement is false about umbilical cord
- It has two arteries
  - it is covered by chorion
  - it contain whartons jelly
  - has one vein

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## SHORT ANSWER QUESTIONS

(5 x 8 = 40)

- Describe the parts of growing long bone.
- Describe the formation of typical spinal nerve.

- 4) Origin,insertion, nerve supply,actions and clinical significance of Deltoid.
  - 5) Describe the structures in the floor of fourth ventricle.
  - 6) Explain mature placenta with diagram. List two anomalies.
  - 7) Steps of Oogenesis with diagram.
  - 8) Muscles and nerve supply of tongue.
  - 9) Superior Orbital fissure.
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### LONG ANSWER QUESTIONS

(10 x 5 = 50)

- 10) Describe course, relations, branches & applied anatomy of Radial nerve. (2+3+3+2)
  - 11) Describe the elbow joint under the following headings.
    - a) Type of Joint
    - b) articulating surfaces
    - c) ligaments
    - d) movements &
    - e) blood supply (2+2+2+2+2)
  - 12) Describe external features, Relations, blood supply, capsules, and Applied anatomy of Thyroid gland gland. (3+3+1+1+2)
  - 13) Explain the structure of neuron. Describe the structure and functions of neuroglia.  
(5 + 3 + 2)
  - 14) Explain middle ear cavity with boundaries, contents, clinical anatomy. ( 5+3+2)
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