

(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 table/diagrams/flow charts wherever necessary

1. Multiple Choice Questions**(10x1=10)**

The Answers to MCQ questions (Q.No. i to Q.No. x) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- Which joint is Immovable from the following options
 - Synovial joint
 - Ball and socket joint
 - Fibrous joint
 - Cartilaginous joints
- Which of the following bone is NOT part of the axial skeleton
 - Femur
 - Skull
 - Vertebral column
 - Rib cage
- Regarding clavicle all are correct except
 - Example of short bone
 - First bone to ossify in foetal life
 - Commonly fractured bone
 - Has no medullary cavity
- The back of the medial epicondyle of humerus is related to the
 - Radial nerve
 - Ulnar nerve
 - Axillary Nerve
 - Median nerve
- Which layer of stroma of endometrium function as regenerative zone after menstruation
 - Stratum compactum
 - Stratum spongiosum
 - Stratum basale
 - All the above
- Which embryonic structure gives rise to the digestive tract
 - Ectoderm
 - Endoderm
 - Mesoderm
 - All the above
- Extra ocular muscles of eye are supplied by which all cranial nerves
 - 3, 4 & 5
 - 3, 4 & 6
 - 3, 4 & 7
 - 2, 3 & 4
- The platysma muscle is supplied by
 - Facial nerve
 - Auricular nerve
 - Occipital nerve
 - Auricotemporal nerve
- The brainstem consists of which three main parts
 - Midbrain, pons, and medulla oblongata
 - Thalamus, hypothalamus, and pineal gland
 - Corpus callosum, fornix, and septum pellucidum
 - Cerebral cortex, white matter, and basal ganglia
- The primary motor cortex is in which lobe of the brain
 - Frontal lobe
 - Parietal lobe
 - Occipital lobe
 - Temporal lobe

Short Answer questions**(8x5=40)**

- Write briefly about the structural classification of bones
- Describe Biceps brachii muscles – origin, insertion, nerve supply and action
- Describe the articulating surfaces, ligaments, blood and nerve supply of shoulder joint
- Explain about Oogenesis
- Write briefly about the Placenta
- Explain about the Anatomy of Eyeball
- Explain about arterial supply of Base of brain
- Name the muscles of mastication. Describe their attachments, nerve supply and actions(1+4)

Long Answer Questions**(5x10=50)**

- Define brachial plexus. With the help of a diagram explain formation, parts and branches of brachial plexus (2+3+2+3)
- Describe the layers of scalp. Enumerate its blood and nerve supply. Mention the applied anatomy of scalp (4+3+3)
- Describe the location, external features, relations, blood and nerve supply of thyroid gland. (1+2+3+2+2)
- Write briefly about the parts of Brain. Explain in detail about the external features, divisions and connections of Cerebellum. (5+5)
- Describe about anatomy of mammary gland in terms of location, structure, relation, blood supply & lymphatic drainage. (2+2+2+2+2)
