

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