

2022

Full Marks - 100

Time - As in the Programme

The figure in the right hand margin indicates marks.

Answer all questions.

Draw diagrams wherever necessary.

1. Describe the knee joint under the following headings : [4×5=20]
 - (a) Articular surfaces
 - (b) Enumerate the ligaments of the joint
 - (c) Artery supply of the joint
 - (d) Name the muscles responsible for flexion and extension of the joint.
2. Write short notes on any FIVE : [5×5=25]
 - (a) Blood supply of stomach
 - (b) Draw the diagram of histology of compact bone
 - (c) Broca's motor speech area
 - (d) Triceps brachii muscle
 - (e) Medial longitudinal arch
 - (f) Popliteus muscle
3. Write briefly on any THREE of the following : [3×5=15]
 - ~~(a) Name any two bones of internal ear.~~
 - (b) Name any two branches of internal carotid artery.

[P.T.O...]

(2)

- (c) Mention any two cartilages of larynx.
- (d) Name one important structure passing through the foramen magnum
- (e) Name any two cranial nerves
4. Write briefly on the following : [4×5=20]
- (a) Enumerate the branches of medial cord of branchial plexus.
- (b) Name the openings opening into the right atrium of heart
- (c) Name the muscles which form the tendoachilles tendon
- (d) Name the hamstring muscles
5. Fill in the blanks : [2×10=20]
- (a) Cervical vertebra are ____ in number
- (b) There are ____ number of pairs of spinal nerves coming out from spinal cord
- (c) The hamstring muscles of thigh are supplied by ____ nerve.
- (d) The peroneal muscles are supplied by ____ nerve.
- (e) The fundus of stomach is supplied by ____ artery
- (f) The action of dorsal interossei of hand is ____.
- (g) Eversion and inversion of foot takes place on ____ joint.
- (h) The kidney is supplied by ____ artery
- (i) The urinary bladder is lined by ____ epithelium
- (j) Sartorius muscle is supplied by ____ nerve

