

QUESTION BANK

ANATOMY I

CCH/MUHS SYLLEBUS for ANATOMY I:UPPER LIMB, HNF, BRAIN

UPPER LIMB long questions

20marks

1. Describe gross anatomy of axilla, under the following heading

- a) definition, location, situation,
- b) Boundary
- c) Content
- d) Applied

2. Describe gross anatomy of brachial artery under the following heading

- a) definition, location, situation,
- b) Course
- c) Relation
- d) Branches and applied

3. Describe gross anatomy of axillary artery under the following heading

- a) definition, location, situation, parts
- b) Course
- c) Relation
- d) Branches and applied

4. Describe gross anatomy of brachial plexus, under the following heading

- a) definition, location, situation,
- b) Course, root cord & trunk
- c) Relation
- d) Branches and applied

5. Describe gross anatomy of shoulder joint under following heading

- a) definition, type, subtype, articular surface
- b) Ligaments
- c) Muscles for movements
- d) Circulation, nerve supply and applied

6. Describe gross anatomy of median nerve under the following heading

- a) definition, location, situation,
- b) Course
- c) Relation
- d) Branches and applied

7. Describe gross anatomy of wrist joint, under following heading

- a) definition, type, subtype, articular surface
- b) Ligaments
- c) Muscles for movements
- d) Circulation, nerve supply and applied

8. Describe gross anatomy of mammary glands under following heading

- a) definition, situation, extension
- b) Inner structures
- c) Lymphatic drainage
- d) Circulation, nerve supply and applied

9. Describe gross anatomy of radial nerve under the following heading

- a) definition, location, situation,
- b) Course
- c) Relation
- d) Branches and applied

10. Describe gross anatomy of intrinsic muscle of hand under following heading

- a) origin
- b) insertion
- c) action
- d) blood and nerve supply , applied

11. Describe gross anatomy of cubital fossa under the following heading

- a) definition, location, situation,
- b) Boundary
- c) Content
- d) Applied

12. Describe gross anatomy of ulnar nerve under the following heading

- a) definition, location, situation,
- b) Course
- c) Relation
- d) Branches and applied

13. Describe gross anatomy of anterior interosseus nerve under the following heading

- a) definition, location, situation,
- b) Course
- c) Relation
- d) Branches and applied

14. Describe gross anatomy of elbow joint under following heading

- a) definition, type, subtype, articular surface
- b) Ligaments
- c) Muscles for movements
- d) Circulation, nerve supply and applied

15. Describe gross anatomy of muscles of pectoral region under

- a) definition , situation
- b) Boundary
- c) Content
- d) Circulation, nerve supply and applied

16. Describe gross anatomy of radio-ulnar joints under following heading

- a) definition, type, subtype, articular surface
- b) Ligaments
- c) Circulation
- d) nerve supply and applied

SHORT NOTES ON UPPER LIMB 5MARKS

1. Deltoid muscles
2. Blood supply of breast
3. Carpel tunnel
4. Median n in arm,
5. Intermuscular spaces in scapular region
6. Musculotendinous cuff of shoulder joint
7. Anastomosis round elbow joint
8. Relations of shoulder joint
9. Abduction of shoulder joint
10. Radial groove
11. Supinator muscle
12. Flexors of elbow joints
13. Palmar aponeurosis
14. Lymphatic drainage of breast

SHORT QUESTIONS 2MARKS

1. name any two branches of axillary artery
2. name any two muscle supplied by radial nerve
3. any two contents of axilla
4. any two contents of cubital fossa
5. any two muscles responsible for flexion of elbow joint
6. any two contents of radial groove
7. any two contents of carpal tunnel
8. any two branches of brachial artery
9. any two special features of clavicle
10. name any two muscles supplied by median nerve
11. any two branches of post cord of brachial plexus
12. two sites of insertion of flexor carpi ulnaris
13. any two muscles supplied by post interosseus nerve
14. any two abductors of shoulder joint
15. name components of articular part of humerus
16. structure related to surgical neck of humerus
17. 2]HEAD NECK & FACE
18. LONG QUESTIONS 10MARKS
19. Describe gross anatomy of
20. Parotid gland

- | | | | |
|-----|--------------------------------|-----|--|
| 21. | Lateral wall of nose | 43. | Suprahyoid muscles |
| 22. | Extraocular muscles of eyeball | 44. | Tympanic membrane |
| 23. | Tongue | 45. | Pituitary gland |
| 24. | Thyroid gland | 46. | External acoustic meatus |
| 25. | Temperomandibular joint | 47. | Structures passing through parotid gland |
| 26. | Cavernous sinus | 48. | Nerve supply of tongue |
| 27. | Middle ear | 49. | Nerve supply of larynx |
| 28. | Palatine tonsils | 50. | Carotid sheath |
| 29. | Muscles of mastication | 51. | Carotid triangle, |
| 30. | Facial nerve | 52. | Submental triangle |
| 31. | Trigeminal nerve | 53. | Diagastric triangle |
| 32. | Muscles of palate | 54. | Nasal septum |
| 33. | Submandibular salivary glands | 55. | Occulomotor nerve |
| 34. | Pharynx | 56. | Muscle of tongue |
| 35. | Internal ear [laberynth] | 57. | Muscle of palate |
| 36. | Larynx | 58. | Mandibular nerve |
| 37. | Anterior triangles of neck | 59. | Organ of corti |
| 38. | Post triangle of neck | 60. | Auditory pathway |
| 39. | Scalp | 61. | Falx cerebri |
| 40. | Facial muscles | 62. | Falx cerebelli |
| 41. | External carotid artery | 63. | Tentorium cerebelli |
| 42. | Internal jugular vein | | |

VERY SHORT QUESTIONS 2marks

1. name any two branches of external carotid artery
2. any two muscles supplied by oculomotor nerve
3. any two bones forming lateral wall of nose
4. any two relations of parotid glands
5. any two branches of facial nerve
6. any two muscles of mastication
7. any two extrinsic muscles of larynx
8. any two branches of vagus nerve
9. any two relations of thyroid gland
10. any two movements of extraocular muscles of eyeball
11. any two contents of pterigopalatine fossa
12. two contents of middle ear

13. any two structures passing through superior orbital fissure
14. any two contents of carotid triangle
15. any two boundaries of ant triangle of neck
16. two arteries supplying thyroid glands

BRAIN

SHORT QUESTIONS 5marks

- | | |
|--|---|
| 1. T s of spinal cord | 7. Circle of willis |
| 2. Floor of fourth ventricle | 8. Internal capsule |
| 3. T s of medulla at pyramidal decussation | 9. Corpus callosum |
| 4. Cerebrospinal fluid | 10. Hypothalamus |
| 5. superiolateral surface of cerebral hemisphere | 11. Lateral ventricle |
| 6. T s of medulla at sensory decussation | 12. Third ventricle |
| 14. T s of midbrain at level of red nucleus | 13. T s of pons at level of facial colliculus |
| 15. Thalamus | 16. Extra pyramidal system |
| | 17. Caudate nucleus |

VERY SHORT QUESTIONS 2marks

1. Any two branches of internal carotid artery
2. Name any two functional areas on superiolateral surface of cerebral hemisphere with their anatomical position
3. Name any two ascending tracts of spinal cord
4. Any two descending tracts of spinal cord
5. What is function of fasciculus gracilis & fasciculus cuneatus
6. Any two arteries forming circle of willis
7. Name site from where csf goes from 4th ventricle to subarachnoid spaces
8. Name at least 2 layers of meninges
9. What is facial colliculus on post surface of pons
10. Name any two branches of medullary artery
11. Name any 2 nuclei seen in t s of pons
12. Any 2 nuclei seen in t s of medulla
13. any 2 nuclei seen in T S of midbrain
14. what is origin of vertebral artery

ANATOMY II

CCH/MUHS SYLLEBUS for ANATOMY II: THORAX, ABDOMEN, PELVIS, LOWER LIMB, HISTOLOGY

THORAX

FOR 2 MARKS QUESTIONS (for Anatomy II Q.NO 1)

1. Total no. of true ribs.
2. Total no. of false ribs.
3. Total no. of floating ribs.
4. Total no. of typical ribs.
5. Total no. of vertebra.
6. Cervical, thoracic, lumbar, sacral, coccygeal.
7. Which muscle separates thoracic and abdominal cavity?
8. Which is the principle muscle of respiration?
9. Above downwards what are the structures passing through right hilum?
10. Which lung may have azygos lobe?
11. How many broncho-pulmonary segments are there in right lung?
12. How many broncho-pulmonary segments are there in left lung?
13. What is the height vs width ratio in right lung?
14. What are the major openings of diaphragm?
15. What are the vertebral level of different diaphragmatic opening?
16. What are the openings of heart?
17. What are the valves of heart?
18. Ligamentum arteriosum attached to which two structures?
19. What are the sinuses present in pericardium?
20. AV node present beneath which triangle?
21. Crux is meeting point of which vessels?
22. What are the branches of arch of aorta?

FOR 5 MARKS QUESTIONS (for Anatomy II Q.NO 2)

1. Describe Mediastinum
2. Describe external feature of left lung
3. Describe relation of left lung
4. Describe Medial surface of right lung.
5. Describe interior Of Rt Atrium
6. Describe interior Of Rt. ventricle
7. Describe interior Of Lt. ventricle
8. Describe coronary circulation
9. Describe in detail esophagus.
10. Describe in detail trachea.
11. Describe in detail thoracic duct.
12. Describe in detail azygos system of vein
13. Describe in detail pericardium

14. Describe in detail the diaphragm.

15. Thoracic Inlet

16. Sternum

17. Hilum

18. Valves of heart

19. Trabecule carnae

20. Bronchopulmonary segment

ABDOMEN

FOR 20 MARKS QUESTIONS(for Anatomy II Q.NO 5/6/7)

1) Describe in detail liver UNDER

- Border, surfaces and lobes
- Ligaments and fissures
- impressions
- diagram and applied

2) Describe in detail liver under

- Situation, colour, consistency and weight
- Porta hepatis and bare areas
- Histology
- circulation

3) Describe in detail stomach under

- situation, capacity and parts
- relations
- macroscopic feature
- microscopic feature

4) Describe in detail stomach under

- external features
- stomach bed
- gastric circulation
- applied

5) Describe in detail gross features of spleen under

- Measurements
- Borders, surfaces with diagram
- External feature and relations
- Inner structures

6) Describe in detail gross features of duodenum under

- situation, parts and measurements
- course and relation
- external feature with diagram
- interior and histology

7) Describe in detail gross features of pancreas under

- situation, parts and measurements
- relation
- external feature with diagram
- interior and histology

8) Describe in detail gross features of kidney under

- situation, measurements
- relations
- external feature with diagram
- interior and histology

- 9) Describe in detail gross features of aorta under
- situation, parts and measurements
 - course and relation
 - external feature with diagram
 - branches
- 10) Describe in detail gross features of inferior vena cava under
- situation, parts and measurements
 - course and relation
 - external feature with diagram
 - tributaries
- 11) Describe in detail gross features of rectus sheath under
- situation and parts
 - formation
 - diagram
 - circulation nerve supply and applied

FOR 5 MARKS QUESTIONS (AS SUB HEADING OF 5/6/7)

- Gastric circulation
- Stomach bed
- Traube space
- Gastric triangle
- Hepatic circulation
- Anterior Relation of kidney
- Ligaments of liver
- Bare areas of liver
- Peritoneum
- Gallbladder
- Appendix
- Gastric circulation
- Renal circulation
- Rectus sheath

FOR 2 MARKS QUESTIONS (for Anatomy II Q.NO 1)

1. What is the pneumogastric nerve?
2. Space of Mall is situated in which organ?
3. Portal triad is situated in which organ?
4. Bladder has how many surfaces?
5. What is the measurement of spleen?
6. What is the weight of liver?
7. What is the length of ureter?
8. What is the length of oesophagus?
9. What is the length of inguinal canal?
10. How many lobes are there in prostate

11. Name the terminal branches of aorta
12. Name formative branches of celiac trunk
13. Name formative branches of portal vein
14. Give measurements of spleen
15. Give measurements of kidney
16. Give measurements of stomach
17. Which is the largest gland?
18. Which is the largest lymph node
19. Where is the watershed line
20. Where is transpyloric line

PELVIS

FOR 20 MARKS QUESTIONS

- 12) Describe in detail gross features of rt and left ureter under
 - situation, parts and measurements
 - course and relation
 - external feature with diagram
 - histology
- 13) Describe in detail gross features of bladder under
 - situation, measurements
 - relations
 - external feature with diagram
 - interior and histology
- 14) Describe in detail gross features of male urethra under
 - situation, parts and measurements
 - course
 - relation
 - external feature with diagram
- 15) Describe in detail gross features of prostate under
 - situation, measurements
 - relations
 - external feature with diagram
 - interior and histology
- 16) Describe in detail gross features of gonads under
 - Situation and relation of testes
 - Histology of testes
 - Situation and relation of ovary
 - Histology of ovary
- 17) Describe in detail gross features of uterus under
 - situation, measurements
 - relations
 - external feature with diagram
 - interior and histology
- 18) Describe in detail gross features of rectum under
 - situation, measurements
 - relations
 - external feature with diagram
 - interior and histology

19) Describe in detail gross features of inguinal canal under

- situation and formation
- boundary
- content
- applied

FOR 5 MARKS QUESTIONS(AS SUBHEADING OF Q. 5/6/7)

1. Anal canal
2. Spermatic cord
3. Inguinal hernia
4. Pouch of Douglas
5. ischio-rectal fossa.
6. Vagina
7. Penis

LOWER LIMB

FOR 10 MARKS QUESTIONS(for Anatomy II Q.NO 4)

1. Describe in detail gross features of femoral triangle.
2. Describe in detail gross features of popliteal fossa
3. Describe in detail gross features of gluteal region.
4. Describe in detail gross features of hip joint
5. Describe in detail gross features of knee joint.
6. Describe in detail gross features of ankle joint.
7. Describe in detail gross features of gluteal muscles.
8. Describe in detail gross features of hamstring muscles.
9. Describe in detail gross features of quadriceps femoris muscles.
10. Describe in detail gross features of calf muscles.
11. Describe in detail gross features of arches of foot.
12. Describe in detail gross features of sciatic nerve.
13. Describe in detail gross features of femoral nerve.
14. Describe in detail blood supply to lower limb.
15. Describe in detail venous drainage of lower limb.
16. Describe in detail arteria dorsalis pedis
17. Describe in detail Ligaments Of knee joint
18. Describe in detail of femoral artery
19. Describe in detail dorsal venous arch

FOR 2 MARKS QUESTIONS(for Anatomy II Q.NO 1)

1. Name a ball and socket joint in inferior extremity.
2. Name a syndesmosis type of joint in inferior extremity.
3. Name a hinge joint in inferior extremity.
4. What are the bones forming medial longitudinal arch?

5. What are the bones forming lateral longitudinal arch?
6. Which is the largest sesamoid bone?
7. Which is the strongest and longest bone?
8. Which bone is used as donor's bone?
9. Which one is the strongest and bulkiest muscle?
10. What are the antigravity muscles?
11. What are the hamstring muscles?
12. What are the cuff muscles?
13. What are triceps suri?
14. What are the muscles forming floor of femoral triangle?
15. What are the quadriceps femoris muscles?
16. What is the tailor's muscle?
17. Which one is the largest muscle?
18. Which one is the donor's muscle?
19. Name two branches of femoral artery.
20. Name two branches of arteria profunda femoris.
21. Name two branches of anterior tibial artery.
22. Name two branches of arteria dorsalis pedis.
23. What are the veins forming dorsal venous arch?
24. Name the veins of superficial venous drainage of inferior extremity.
25. Name two receiving twigs of femoral vein.
26. Which vein is used as donor's vein?
27. Which is the longest nerve?
28. Which is the thickest nerve?
29. Which nerve supplies the posterior compartment of thigh?
30. Which nerve supplies the medial compartment of thigh?
31. Which nerve supplies posterior compartment of leg?

HISTOLOGY

FOR 5 MARKS QUESTIONS(for Anatomy II Q.NO 3)

1. describe histology of cardiac muscles.
2. describe histology of epididymis
3. describe histology of kidney
4. describe histology of spleen
5. describe histology of stomach
6. describe histology of thyroid.
7. describe histology of liver
8. describe histology of testes
9. describe histology of ovary