MBBS First Year Anatomy – II Important Question Bank

Essay Questions MBBS 1st Year:

1. Describe parotid gland in detail. Add a note on its applied aspects.
2. Classify white fibres of cerebrum with examples. Describe internal capsule in detail.
3. Describe the facial nerve under the following headings: a) Nuclei of origin and functional components. b) Course and emergence. c) Branches and its distribution. d) Clinical anatomy.
4. Describe in detail about the parotid gland. Add a note on its applied anatomy.
5. Describe the cavernous sinus under the following headings: situation, extent, boundaries, relations, contents, connections and applied anatomy.
6. Describe the right lung under the following headings: surfaces, borders, impressions, fissures, lobes, hilum and Broncho pulmonary segments.
7. Describe the tongue under the following headings: Situation and parts, Blood supply, Lymphatic drainage, Histology and development.
8. Describe the interior of right atrium and correlate it with its development.
9. Explain the typical intercostal space.
10. Describe the superolateral surface of the cerebral hemisphere under the following headings: Sulci and Gyri, functional areas and arterial supply.
11. Describe the arch of aorta under the following headings: Extent, Relations, Branches and microscopic anatomy.
12. Describe in detail congenital anomalies of the Heart.
13. Describe in boundaries, contents and clinical anatomy of Carotid triangle.
14. Describe the cerebellum as: classification, connections, nuclei, blood supply and clinical anatomy.
15. Describe in detail about blood supply of brain.
16. Describe submandibular salivary gland under following heading: parts, relations, blood supply, nerve supply, lymphatic drainage and clinical anatomy.
17. Describe origin, course, branches of right coronary artery.
18. Describe boundaries and contents of carotid triangle.
19. Describe the extra ocular muscles in detail.
20. Describe the sulci, gyri and functional areas in superolateral surface of brain with neat labelled diagrams.
21. Describe the interior of right atrium in detail and add a note about its development and clinical anatomy.
22. Classify the white matter of cerebrum with examples and describe the internal capsule in detail. Add a note on its applied Anatomy.
23. Describe the blood supply of heart. Add a note about its clinical significance.
24. Classify Dural Venous Sinuses. Describe the Cavernous sinus in detail. Add a note on its applied anatomy.
25. Describe the Origin, Course, Relations, Branches and Clinical Anatomy of Abducent Nerve.
26. Describe in detail the parts, muscles, innervations, histology and development of tongue.

27. Situation, capsules, relations, blood supply, and applied anatomy of thyroid gland.

Write Short Notes Questions MBBS 1st Year:

1. Bronchopulmonary segments
2. Blood supply of heart
3. Third ventricle
4. Transverse section of midbrain at the level of inferior colliculus
5. with a labelled diagram
6. Torticollis
7. Thoracic duct
8. Secretomotor pathway of parotid gland
9. Draw and label the transverse section of thorax at T level
10. Infrahyoid muscles of neck
11. Interior of right atrium
12. Carotid triangle
13. Features of left ventricle
14. Histology of cerebrum
15. Hilum of lungs with labeled diagram
16. Cavernous sinus
17. Microstructure of tongue
18. Intercostal space
19. Recurrent laryngeal nerve
20. Relations of thyroid gland
21. Section of medulla oblongata at sensory decussation level with labelled diagram
22. Microstructure of thyroid gland
23. Extra-ocular muscles
24. Venous drainage of heart
25. Development of face
26.
27. Rhomboid Fossa
28. Maxillary Air sinus
29. Labelled diagram of superolateral Surface of Cerebrum, indicating major Functional
30. Areas
31. Histology of Retina
32. Coronary Sinus
33. Ansa Cervicalis
34. Blood supply of Spinal cord
35. Derivatives of I Branchial Arch
36. Medial wall of Middle ear
37. Hyoglossus Muscle - attachments and Relations

38. Ciliary ganglion
39. Facial artery
40. Inter peduncular fossa
41. Mid line structures of the neck
42. Histology of cornea
43. Pleural recesses
44. Development of thyroid gland
45. Lateral medullary syndrome
46. Subclavian triangle
47. TS at the level of superior colliculus of mid brain
48. Development of face
49. Otic ganglion
50. Cerebellar peduncles
51. Right Atrium
52. Extraocular muscles
53. Palatine tonsil
54. Nerve Supply of tongue
55. Tympanic membrane
56. Bronchopulmonary segments
57. Ansacervicalis
58. Vocal cord
59. Hilum of right lung
60. Styloid apparatus
61. Histology of parathyroid gland
62. Development of interatrial septum
63. Parotid duct
64. Blood supply of spinal cord
65. Venous drainage of face
66. Middle meatus of nose
67. Carotid sheath
68. Development of tongue
69. Facial artery
70. Nerve supply of lacrimal gland
71. Histology of pituitary gland
72. Atlanto axial joints
73. Hyoglossus Muscle
74. Cardiac plexuses
75. Right coronary artery
76. Meditational surface of left lung
77. Klinefelter syndrome
78. Histology of Parotid gland
79. Histology of Cornea
80. Development of lung
81. Internal capsule
82. Typical intercostal nerve

83. Cavernous sinus
84. Connections of basal ganglia
85. Blood supply of thyroid gland
86. Lymphatic drainage of tongue
87. Maxillary air sinus
88. Azygos vein
89. Relations of arch of aorta
90. Left coronary artery
91. Histology of cerebral cortex
92. Corpus callosum
93. Horns of lateral ventricle
94. Contents of posterior triangle
95. Extrinsic muscles of tongue
96. Brachiocephalic vein
97. Development of atria
98. Pterion
99. Blood supply & nerve supply of scalp
100. nd pharyngeal arch
101. Histology of retina
102. Fourth ventricle
103. Name the muscles with nerve supply & action of tongue
104. Digastric triangle
105. Superior mediastinum
106. Down's syndrome
107. Pericardial sinuses
108. Thoracic duct
109. Pericardium
110. Mediastinal surface of left lung
111. Venous drainage of heart
112. Sagital section of eye ball
113. Paranasal air sinuses (name, Functions, opening, area, applied aspects)
114. Part & Constituent fibres of internal capsule
115. Middle ear cavity
116. Meninges with Meningeal spaces
117. Supero lateral surface of cerebrum
118. Parts of corpus callosum
119. Name the extra ocular muscles
120. Facial artery in face
121. Formation of superior vena cava
122. Phrenic nerve
123. Lateral pterygoid muscle
124. Styloid process-structures attached
125. Surfaces, borders of thyroid gland
126. Muscles of tongue
127. Posterior horn of lateral ventricle

128. Blood supply of spinal cord
129. Parts, deep nuclei, and arterial supply of cerebellum
130. Ansa cervicalis
131. Fourth ventricle
132. Interior of right atrium
133. Sternocleidomastoid
134. Superior sagittal sinus
135. Root of lung
136. Arterial supply of heart
137. Pleural recesses
138. Ansa cervicalis
139. Ciliary ganglion
140. Parts, arterial supply of Interventricular septum
141. Cardiac plexus
142. Middle ear
143. Origin, Termination and applied anatomy of internal mammary artery
144. Digastric triangle
145. Third ventricle
146. Medulla oblongata at mid olivary level
147. Superior mediastinum
148. Lateral wall of nose
149. Midbrain at superior collicular level
150. Eustachian tube
151. Typical intercostals nerves
152. Lacrimal apparatus
153. Sulci, gyri and functional areas of supero – lateral surface of cerebrum
154. Nucleus, course, distribution and applied anatomy of Hypoglossal nerve
155. Blood supply of Brain
156. Draw a labeled diagram of Blood Supply of Thyroid Gland with its development
157. Left Coronary Artery
158. Nucleus, course, distribution and applied anatomy of Trochlear nerve
159. Circle of Willis
160. Fourth ventricle
161. Azygos vein

Write Short Answer Questions MBBS 1st Year:

1. **Pericardial sinuses**
2. **Epistaxis**
3. **Sibson's fascia**

4. **Fallot's tetrology**
5. **Development of tongue**
6. **Histology of cerebrum**
7. **Enumerate the nuclei of cerebellum**
8. **Deep cardiac plexus**
9. **Formation and contents of carotid sheath**
10. **Bell's palsy**
11. **Wharton's duct**
12. **Waldeyer's ring**
13. **Structures related to lateral wall of cavernous sinus**
14. **Mention the branches of ophthalmic nerve**
15. **Histology of retina**
16. **Thyroglossal duct**
17. **Name the branches of facial artery in face**
18. **Tonsillar bed**
19. **Pleural recesses**
20. **Millard-Gubler syndrome**
21. **Modifications of cranial pia mater**
22. **Formation and termination of external jugular vein**
23. **Development of thyroid gland**
24. **Nerve supply of pinna**
25. **Superior orbital fissure**
26. **Branches of internal carotid artery**
27. **Dangerous area of face**
28. **Trigeminal neuralgia**
29. **Intrinsic muscles of larynx and nerve supply**
30. **Parotid duct**
31. **Branches of internal thoracic artery**
32. **Wallenberg syndrome**
33. **Contents of posterior mediastinum**
34. **Pterygopalatine ganglion**
35. **Formation of superior venacava**
36. **Bell's Palsy**
37. **Derivatives of second pharyngeal arch**
38. **Structures forming limbic system**
39. **Development of pituitary gland**
40. **Transverse sinus of pericardium**
41. **Superior orbital fissure**
42. **Enumerate nuclei of cerebellum**
43. **Components of basal ganglia**

44. **Waldeyer's ring**
45. **Structures inside parotid gland**
46. **Pterion**
47. **Wry neck**
48. **Name any four branches of external carotid artery**
49. **Killian's dehiscence**
50. **Fibrous skeleton of heart**
51. **Name the bones meeting at pterion**
52. **Indicate the sinuses of the pericardium**
53. **Name the terminal branches of internal thoracic Artery**
54. **Indicate the Paleocerebellar deep nuclei**
55. **Name the muscles attached to the cricoid cartilage**
56. **Name two Sensory thalamic nuclei**
57. **Name the structures passing through internal acoustic meatus**
58. **Name the two parts of orlicularis occuli**
59. **Name the Lingual papillae**
60. **Indicate the venous sinuses related to the falx cerebri**
61. **What is ligamentum arteriosum?**
62. **Significance of pyriform fossa**
63. **Name the muscles of mastication**
64. **Give the sub divisions of mediastinum**
65. **What are Hassal's corpuscles?**
66. **Name the splanchnic nerves in the thoracic region**
67. **What is danger area of face?**
68. **Give the attachment of supra pleural membrane**
69. **What is insula?**
70. **What is visual stria?**
71. **Draw and label the histology of trachea**
72. **Name the structures present in the lateral wall of cavernous sinus**
73. **Nerve supply of larynx**
74. **Parts of corpus callosum**
75. **Four derivatives of ectoderm**
76. **Enumerate four branches of st part of maxillary artery**
77. **Structures passing through the foramen ovale**
78. **Tributaries of coronary sinus**
79. **Name the bones forming the nasal septum**
80. **Name muscles of mastication**
81. **Name the bones taking part in the formation of nasal septum**
82. **Name the structures passing through foramen spinosum**
83. **Name any two nerves emerging from medulla oblongata**

84. **Name any two structures in relation to mediastinal surface of left lung**
85. **Name the parts of lacrimal apparatus**
86. **Name the arteries which supply the heart**
87. **Name the infrahyoid muscles of the neck**
88. **Name the muscles of mastication**
89. **Name the terminal branches of facial nerve**
90. **Name the unpaired cartilages of the larynx**
91. **Mention different parts of Diencephalon**
92. **Emissary Veins**
93. **Lacus lacrimalis**
94. **Lymphatic drainage of the face**
95. **Horner's Syndrome**
96. **Histology of skeletal muscle**
97. **Triangle of koch**
98. **Barr body**
99. **Types of Chromosomes**
100. **Bones derived from st pharyngeal arch**
101. **Enumerate the muscles of palate**
102. **Two features of Naso-pharynx**
103. **Congenital anomalies of ventricles of heart**
104. **Derivatives of second pharyngeal arch**
105. **Arteries supplying the spinal cord**
106. **Boundaries of sub-mental triangle**
107. **Structures present at hilum of left lung**
108. **Name the unpaired dural venous sinuses**
109. **Intrinsic muscles of larynx**
110. **Waldeyer's ring**
111. **Interventricular septum**
112. **Costodiaphragmatic recess**
113. **Tricuspid valve**
114. **Oblique fissure of lung**
115. **Demilunes**
116. **Falx cerebelli**
117. **Substantia nigra**
118. **List special somatic afferent nuclei**
119. **Functional areas of superior temporal gyrus**
120. **Waldeyer's ring**
121. **Middle cervical ganglion**
122. **Parotid duct**
123. **Fenestra vestibule**

124. **Epicranial aponeurosis**
125. **Derivatives of third aortic arch**
126. **Parts of corpus callosum**
127. **Deep nuclei of cerebellum**
128. **Tentorium cerebelli**
129. **Name any four branches of external carotid artery**
130. **Name the components of lacrimal apparatus**
131. **Name the extraocular muscles of eyeball**
132. **Development of pituitary gland (in brief)**
133. **Mention the boundaries of laryngeal inlet**
134. **Right principal bronchus**
135. **Pleural diaphragm**
136. **Moderator band**
137. **Triangle of Koch**
138. **Simple squamous epithelium**
139. **Mention the four features of Tetralogy of Fallot**
140. **Mention the bones of middle ear cavity**
141. **Supra sternal space of Burns**
142. **Dangerous area of face**
143. **Structures passing through foreman ovale**
144. **Boundaries of Laryngeal inlet**
145. **Branches of ascending & arch of aorta**
146. **Lumbar puncture**
147. **Pterion**
148. **Apex beat**
149. **Contents of posterior Mediastinum**
150. **Applied aspects of pleura**
151. **Terminal branches of external carotid artery**
152. **Arterial supply to pituitary**
153. **Dangerous area of face**
154. **Opening of maxillary sinus**
155. **Auditory tube openings**
156. **Blood supply to tonsil**
157. **Nerve supply and action of cricothyroid muscle**
158. **Attachment of vocalcord**
159. **Blood supply to lung**
160. **Terminal branches of internal thoracic artery**
161. **Parts of the sensory nucleus of trigeminal nerve**
162. **Dangerous area of scalp**
163. **Surface marking of apex beat of heart**

164. **Lobe of azygos**
165. **Formation and termination of internal jugular vein**
166. **Boundaries and applied anatomy of Piriform recess**
167. **Blood supply of internal capsule**
168. **Parts of corpus callosum**
169. **Root value of phrenic nerve and name the structures supplied by it**
170. **Olive**
171. **Formation of basal vein**
172. **Surface marking of apex beat of heart**
173. **Blood supply of internal capsule**
174. **Parts of caudate nucleus**
175. **Dangerous area of scalp**
176. **Patent ductus arteriosus**
177. **Formation and distribution of spinal part of the accessory nerve**
178. **Name any four branches of external carotid artery**
179. **Define typical intercostal nerve with example**
180. **Tributaries of cavernous sinus**
181. **Orbicularis oculi muscle**
182. **Blood supply of thyroid gland**
183. **Azygos vein**
184. **Pleural recesses**
185. **Histology of thymus**
186. **Boundaries and contents of sub occipital triangle**
187. **Pineal gland**
188. **Lateral medullary syndrome**
189. **Lumbar puncture**
190. **Development of tongue**
191. **Inferior constrictor of pharynx**
192. **Blood supply of spinal cord**
193. **Carotid sheath**
194. **Left brachiocephalic vein**
195. **Histology of thyroid gland**
196. **Parkinsonism**
197. **Pterygopalatine ganglion**
198. **Structures present at T level**
199. **Hilum of right lung**
200. **Development of pituitary gland**
201. **Falx cerebri**
202. **Superior laryngeal nerve**
203. **Histology of cerebellum**

204. **Muscles of mastication**
205. **Development of interatrial septum**
206. **Maxillary sinus**
207. **Basilar artery**
208. **Vocal cords**
209. **Bell's palsy**
210. **Broncho – pulmonary segments**
211. **Nasal Septum**
212. **Floor of th**
213. **Ventricle**
214. **Histology of Palatine Tonsil**
215. **Otic Ganglion**
216. **Cross sectional diagram of a typical intercostal space**
217. **Fallot's Tetralogy**
218. **Corpus Callosum**
219. **Interior of Right Atrium**
220. **Boundaries and Contents of Posterior Mediastinum**
221. **Muscles of Tongue**
222. **Histological Layers of Cornea**
223. **Cricoid Cartilage – Characteristic Features**
224. **Branches of Descending Thoracic Aorta**
225. **Pleural Recesses**
226. **Waldeyer's Ring**
227. **Buccinator muscle**
228. **Sub Clavian Vein – Formation, Course and Termination**
229. **Derivatives of Neural Tube**
230. **Area of Epistaxis**
231. **Thoracic Duct – Area of Drainage**
232. **Middle meatus of nose**
233. **Rathke's pouch**
234. **Histology of thyroid gland**
235. **Cross sectional diagram at the level of lower pons**
236. **Coronary sinus**
237. **Recurrent Laryngeal nerve**
238. **Arch of Aorta**
239. **Cervical sinus**
240. **Boundaries and contents of superior mediastinum**
241. **Sternocleidomastoid muscle**
242. **Histology of skin**
243. **Development of palatine tonsil**

244. **Orbicularis occuli**
245. **Little's area**
246. **Maxillary sinus**
247. **Thoracic part of trachea**
248. **Left coronary artery**
249. **Cross section of midbrain at the level of superior colliculus**
250. **Corpus callosum**
251. **List out paired dural venous sinuses**

****