

Examination questions for ophthalmology

1. Applied anatomy and physiology of eyelids.
2. Applied anatomy and physiology of conjunctiva.
3. Applied anatomy and physiology of lacrimal gland
4. External ocular muscles
5. Internal ocular muscles
6. Optic elements of eye
7. Macula, anatomy, functions
8. Hydrodynamics of the eye. Anatomy of the anterior chamber angle
9. Retina, anatomy, functions
10. Ciliary body, anatomy, functions
11. Applied anatomy and physiology of cornea
12. Applied anatomy and physiology of sclera
13. Applied anatomy and physiology of iris
14. Applied anatomy and physiology of ciliary body
15. Applied anatomy and physiology of choroid
16. Applied anatomy and physiology of retina
17. Functions of the peripheral parts of retina
18. Applied anatomy and physiology of macula
19. Normal fundus ophthalmoscopy
20. Applied anatomy and physiology of lens
21. Applied anatomy and physiology of vitreous
22. Structure of the roof of orbit
23. Structure of the inferior wall of orbit
24. Structure of the medial wall of orbit
25. Structure of the lateral wall of orbit
26. Applied anatomy and physiology of lacrimal gland
27. Applied anatomy and physiology of lacrimal passages
28. Lacrimal passages' examination
29. Applied anatomy and physiology of optic nerve
30. Applied anatomy of optic chiasma. Its' role.
31. Cortical and subcortical optic centers
32. Blood supply of the eye and its appendages.
33. Innervation of the eye and its appendages.
34. Applied anatomy of eye in all ages

35. Examination of vision acuity in children
36. Color vision
37. Line of sight, acuity examination
38. Twilight vision, acuity examination
39. Intraocular pressure examination by palpation
40. Corneal sensitivity examination
41. Vision acuity examination
42. Tonometry
43. Biomicroscopy, it's importance
44. Keratometry
45. Eyeballs motility examination
46. Color vision examination
47. Examination in the passing light
48. Binocular vision examination
49. Field of vision determination
50. Examination with aside light
51. Direct ophthalmoscopy
52. Indirect ophthalmoscopy
53. Skiasopia
54. Gonioscopy
55. Eye axis determination in children
56. Vision acuity examination in children
57. Scotomas, hemianopias, etiology.
58. Examinations of the organ of vision
59. Astigmatism, types
60. Astigmatism, it's correction
61. Objective method of the refraction examination
62. Mechanism of presbiopia
63. Mechanism of accommodation
64. Long-sightedness, it's correction
65. Hypermetropia, correction, complications
66. Spasm of accommodation
67. Myopia, it's correction
68. Etiology of myopia
69. Complications of myopia
70. Treatment of moderate and severe myopia
71. Myopia prevention
72. Hirschberg corneal reflex test

73. Correction with glasses due to strabismus
74. Amblyopia, types, treatment
75. Strabismus prevention
76. Treatment of strabismus, signs of healing
77. Difference between concomitant and incomitant strabismus
78. Mechanism of accommodation and its' meaning
79. Types of strabismus, methods of treatment
80. Indications of surgery in myopia
81. Acute epidemic conjunctivitis of Koch-Weeks, epidemiology
82. Acute bacterial conjunctivitis, clinical features, treatment, complications
83. Acute epidemic conjunctivitis of Koch-Wicks, clinical features, treatment, prevention
84. Diphtheria conjunctivitis? clinical features, treatment, prevention
85. Hordeolum, clinic, treatment
86. Blepharitis, clinical features, treatment, complications
87. Acute dacryocystitis, clinical features, treatment
88. Chronic dacryocystitis, clinical features, treatment
89. Foreign body of conjunctival sac removal
90. Foreign body of corneal removal
91. Eyelid phlegmon, clinical features, treatment, complications
92. Acute viral conjunctivitis, clinical features, treatment
93. Herpes viral conjunctivitis, clinical features, treatment
94. Differential diagnosis of viral and bacterial conjunctivitis
95. Etiology and treatment of chronic conjunctivitis
96. Phlegmon of orbit, clinical features, treatment, complications
97. Redness of eye (injection), types
98. Chalazion, clinical features, treatment
99. Diagnostics of toxic- allergic conjunctivitis, clinical features, treatment
100. Adenoviral conjunctivitis, clinical features, treatment
101. Acute dacryoadenitis, etiology, clinical features, treatment
102. Redness of eye (injection), types, differences in practice
103. Seasonal allergic conjunctivitis, etiology clinical features, treatment
104. Treatment of acute bacterial conjunctivitis
105. Acute membranous conjunctivitis, clinical features, treatment
106. Congenital dacryocystitis, diagnostics
107. Viral conjunctivitis, clinical features, treatment
108. Bacterial conjunctivitis caused by Neisseria gonorrhoeae, clinical features, treatment

109. Traumatic keratitis, clinical features, treatment
110. Herpetic keratitis, clinical features, treatment
111. Corneal ulcer, clinical features, treatment, results
112. Corneal ulcer' complications, treatment
113. Corneal opacity' types, treatment. Indications for keratoplasty
114. Syphilitic keratitis, clinical features, treatment
115. Corneal ulcer examination
116. Corneal ulcer, clinical features, treatment, complications
117. Corneal erosion, clinical features, treatment
118. Keratitis caused by vitamin A deficiency, clinical features, treatment
119. Classification of Herpes simplex keratitis
120. Tuberculous choreoretinitis, clinical features, treatment, diagnostic
121. Syphilitic choreoretinitis, clinical features, treatment, diagnostic
122. Topical and general treatment of iridocyclitis
123. Differences between retinoblastoma and endophthalmitis
124. Acute iridocyclitis, clinical features, treatment
125. Complications of iridocyclitis
126. Endophthalmitis and panophthalmitis
127. Differential diagnosis of acute iridocyclitis and acute primary angle-closure glaucoma
128. Secondary cataract, etiology, treatment
129. Senile cataract, stages, treatment
130. Congenital cataract, type, etiology
131. Aphakia, its correction
132. Indications for the contact lens correction and implantation of IOL due to aphakia
133. Posterior segment contusion, clinical features, treatment
134. Eyeball contusion of moderate level, clinical features, treatment
135. Classification of the eye injuries
136. Signs of perforating injury of sclera
137. Eyeball contusion of severe level, clinical features, treatment
138. Sympathetic ophthalmitis
139. Corneal- scleral perforating injury, signs, treatment
140. Localization of intraocular foreign body
141. First aid due to alkali burns
142. First aid due to burn by lime
143. First aid due to acetic acid burns
144. Differences between alkali and acid burns

145. Corneal perforating injuries, signs, treatment
146. Eye metalosis
147. First aid due to blunt injuries and open globe eye injuries
148. Eyeball contusion of light level, clinical features, treatment
149. Complications of closed globe injuries
150. Complications of open globe injuries
151. Foreign body of cornea removal
152. Clinical features 2nd stage of corneal burns
153. Clinical features 1st stage of corneal burns
154. Chemical burns of conjunctiva and cornea on 1st stage, 1st aid, treatment
155. First aid due to corneal burns on 3rd stage
156. Main symptoms of glaucoma
157. Juvenile glaucoma, clinical features, treatment
158. Primary glaucoma classification
159. Topical drugs to decrease intraocular pressure
160. Congenital glaucoma, etiology, pathogenesis, clinical features, treatment
161. Senile glaucoma prevention
162. Acute primary angle closure glaucoma treatment
163. Early signs of congenital glaucoma
164. Secondary glaucoma, etiology, treatment
165. Control of patients with glaucoma, their treatment
166. Acute primary angle closure glaucoma clinical features, treatment
167. Angle closure glaucoma clinical features, treatment
168. Congenital glaucoma treatment
169. Function of vision' changes due to glaucoma
170. Papillary edema. Etiology , clinical features, treatment
171. Retinoblastoma, clinical features, treatment
172. Fundus due to renal pathology (pyelonephritis)
173. Fundus due hypertonic disease
174. Fundus due diabetes mellitus
175. Optic nerve atrophy. Etiology , clinical features
176. Neuritis of optic nerve, , clinical features, treatment
177. Prescription of eye drops (Ciral)
178. Prescription of eye drops (atropine sulphate)
179. Prescription of eye ointment (Tetracycline)
180. How to put the eye ointment into the lacrimal sac
181. Prescription of eye drops (Mezaton)
182. Instillation of eye drops

183. Prescription of eye drops (Albucidum)
184. Eye glasses prescription (Myopic)
185. Eye glasses prescription due to presbiopia
186. Prescription of eye ointment (Tetracycline)
187. Upper eyelid eversion method
188. How to put the eye ointment under the eyelid
189. Syringing of lacrimal sac
190. Binocular bandage applying management
191. Intrapupillary distance examination
192. Monocular bandage applying management
193. Prescription of eye drops (interferon)
194. Prescription of eye drops (chloramphenicol)
195. Eye glasses prescription (hiperopic)
196. Prescription of eye drops (pilocarpine)
197. Prescription of eye drops (Taurine)
198. Syringing of lacrimal sac
199. Prescription of eye ointment (Tetracycline)
200. Eye motility examination

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