

APP

PROVISIONAL ANSWER KEY (CBRT)

Name of The Post	Ophthalmic Surgeon, Gujarat Health and Medical Service, Health and Family Welfare Class-1
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Instructions / સૂચના

Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -

- (1) All the suggestion should be submitted in prescribed format of suggestion sheet Physically.
- (2) Question wise suggestion to be submitted in the prescribed format (Suggestion Sheet) published on the website.
- (3) All suggestions are to be submitted with reference to the Master Question Paper with provisional answer key (Master Question Paper), published herewith on the website. Objections should be sent referring to the Question, Question No. & options of the Master Question Paper.
- (4) Suggestions regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (5) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet /response sheet and submitted suggestions are differed.
- (6) Objection for each question shall be made on separate sheet. Objection for more than one question in single sheet shall not be considered & treated as cancelled.

ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે વાંધા-સૂચનો નિયત કરવામાં આવેલ વાંધા-સૂચન પત્રકથી રજૂ કરવાના રહેશે.
- (2) ઉમેદવારે પ્રશ્નપ્રમાણે વાંધા-સૂચનો રજૂ કરવા વેબસાઈટ પર પ્રસિધ્ધ થયેલ નિયત વાંધા-સૂચન પત્રકના નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતા તમામ વાંધા-સૂચનો વેબસાઈટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્ર માં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચન ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે જે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીની જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચન ધ્યાનમાં લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચન પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

001. Distichiasis is
 (A) Misdirected eyelashes (B) Accessory row of eyelashes
 (C) Downward drooping of upper eyelid (D) Outward protrusion of lower eyelid
002. Band shaped keratopathy is commonly caused by deposition of:
 (A) Magnesium salt (B) Calcium salt
 (C) Ferrous salt (D) Copper salt
003. Irrespective of the etiology of a corneal ulcer, the drug always indicated is:
 (A) Corticosteroids (B) Cycloplegics
 (C) Antibiotics (D) Antifungals
004. Dense scar of cornea with incarceration of iris is known as:
 (A) Adherent Leucoma (B) Dense leucoma
 (C) Ciliary staphyloma (D) Iris bombe
005. Corneal sensations are diminished in:
 (A) Herpes simplex (B) Conjunctivitis
 (C) Fungal infections (D) Marginal keratitis
006. Corneal stroma constitutes _____% of corneal thickness
 (A) 80% (B) 90%
 (C) 70% (D) 60%
007. Phlycten is due to:
 (A) Endogenous allergy (B) Exogenous allergy
 (C) Degeneration (D) None of the above
008. A recurrent bilateral conjunctivitis occurring with the onset of hot weather in young boys with symptoms of burning, itching, and lacrimation with large flat topped cobble stone papillae raised areas in the palpebral conjunctiva is:
 (A) Trachoma (B) Phlyctenular conjunctivitis
 (C) Mucopurulent conjunctivitis (D) Vernal keratoconjunctivitis
009. Which of the following organism can penetrate intact corneal epithelium?
 (A) Strept pyogenes (B) Staph aureus
 (C) Pseudomonas pyocyanaea (D) Corynebacterium diphtheria
010. False about neonatal conjunctivitis
 (A) Develops within first month of life
 (B) Presents with eyelid odema and purulent discharge
 (C) Can be caused by Neisseria gonorrhoea
 (D) Chemical conjunctivitis needs aggressive treatment
011. A young child suffering from fever and sore throat began to complain of lacrimation. On examination, follicles were found in the lower palpebral conjunctiva with tender preauricular lymph nodes. The most probable diagnosis is:
 (A) Trachoma (B) Staphylococcal conjunctivitis
 (C) Adenoviral conjunctivitis (D) Phlyctenular conjunctivitis
012. Serovar of chlamydia not causing trachoma:
 (A) A (B) B
 (C) C (D) D

013. Convex mirror produces what type of images
 (A) virtual, inverted, magnified (B) real, inverted, minified
 (C) real, erect, minified (D) virtual, erect, minified
014. In viral epidemic kerato-conjunctivitis characteristically there is usually:
 (A) Copious purulent discharge (B) Copious muco-purulent discharge
 (C) Excessive watery lacrimation (D) Mucooid ropy white discharge
015. Corneal Herbert's pits are found in:
 (A) Mucopurulent conjunctivitis (B) Phlyctenular keratoconjunctivitis
 (C) Active trachoma (D) Spring catarrh
016. A patient complains of maceration of skin of the lids and conjunctiva redness at the inner and outer canthi. Conjunctival swab is expected to show:
 (A) Staphylococcus aureus. (B) Streptococcus viridans.
 (C) Streptococcus pneumoniae (D) Morax-Axenfeld diplobacilli
017. Trantas spots are noticed in cases of:
 (A) Active trachoma (B) Bulbar spring catarrh
 (C) Corneal phlycten (D) Vitamin A deficiency
018. A painful, tender, non itchy localized redness of the conjunctiva can be due to:
 (A) Bulbar spring catarrh. (B) Episcleritis
 (C) Vascular pterygium. (D) Phlyctenular conjunctivitis.
019. In trachoma the patient is infectious when there is:
 (A) Arlt's line
 (B) Herbert's pits
 (C) Post-trachomatous concretions
 (D) Follicles and papillae in the palpebral conjunctiva
020. Which Beta blocker is B1 selective ?
 (A) Carteolol (B) Timolol
 (C) Betaxolol (D) Levobunolol
021. Fifth nerve palsy could cause:
 (A) Ptosis (B) Proptosis
 (C) Neuropathic keratopathy (D) Lagophthalmos
022. 'Salmon patches' are seen in
 (A) Retinitis pigmentosa (B) Interstitial keratitis
 (C) Phlyctenular keratitis (D) Fungal keratitis
023. Which of the following is not true of acute viral conjunctivitis?
 (A) Vision is not affected (B) Corneal infiltration is seen
 (C) Antibiotics are the mainstay of treatment (D) Pupil remains unaffected
024. The effective treatment of dendritic ulcer of the cornea is:
 (A) Surface anesthesia (B) Local corticosteroids
 (C) Systemic corticosteroids (D) Acyclovir ointment
025. Herpes simplex keratitis is characterized by:
 (A) Presence of pus in the anterior chamber (B) No tendency to recurrence
 (C) Corneal hyposthesia (D) Tendency to perforate

026. Corneal transparency is maintained by:
 (A) Keratocytes (B) Bowman's membrane
 (C) Descemet's membrane (D) Endothelium
027. Which of the following is the most important adjuvant therapy for fungal corneal ulcer?
 (A) Atropine sulphate (B) Dexamethasone
 (C) Pilocarpine (D) Lignocaine
028. Organism causing protozoan keratitis :
 (A) Acanthamoeba spp (B) Pneumococci
 (C) Gonococci (D) Adenovirus
029. Chalazion is a chronic inflammatory granuloma of
 (A) Meibomian gland (B) Zies's gland
 (C) Sweat gland (D) Wolfring's gland
030. Fuchs endothelial dystrophy is best treated by:
 (A) Endothelial keratoplasty (B) DALK
 (C) Keratectomy (D) Penetrating keratoplasty
031. Blood vessels in a trachomatous pannus lie:
 (A) Beneath the Descemet's membrane.
 (B) In the substantia propria.
 (C) Between Bowman's membrane & substantia propria.
 (D) Between Bowman's membrane & Epithelium.
032. In vernal catarrh, the characteristic cells are:
 (A) Macrophage (B) Eosinophils
 (C) Neutrophils (D) Epitheloid cells
033. Ptosis in Horner's syndrome, is due to paralysis of:
 (A) Riolan's muscle (B) Horner's muscle
 (C) Muller's muscle (D) The levator palpebral muscle
034. Severe congenital ptosis with no levator function can be treated by:
 (A) Levator resection from skin side (B) Levator resection from conjunctival side
 (C) Fascia lata sling operation (D) Fasanella servat operation
035. The commonest cause of hypopyon corneal ulcer is:
 (A) Moraxella (B) Gonococcus
 (C) Streptococcus Pneumoniae (D) Staphylococcus
036. Most common late complication of cataract surgery:
 (A) Cystoid macular oedema (B) Glaucoma
 (C) Posterior capsule opacification (D) Uveitis
037. Fleischer ring is found in:
 (A) Keratoconus (B) Chalcosis
 (C) Argyrosis (D) Buphthalmos
038. Ring of Sommering is seen in:
 (A) Diabetes (B) Galactosemia
 (C) After cataract (D) Wilson's disease

039. Cornea is supplied by nerve fibers derived from:
(A) Trochlear nerve (B) Optic nerve
(C) Trigeminal nerve (D) Oculomotor nerve
040. Steroid induced cataract is:
(A) Posterior subcapsular (B) Anterior subcapsular
(C) Nuclear cataract (D) Cupuliform cataract
041. Most of the thickness of cornea is formed by:
(A) Epithelial layer (B) Substantia propria
(C) Descemet's membrane (D) Endothelium
042. The risk of rhegmatogenous retinal detachment is increased in all of the following *except*:
(A) Pseudophakia (B) Trauma
(C) Hypermetropia (D) Lattice degeneration
043. Ptosis and mydriasis are seen in:
(A) Facial palsy (B) Peripheral neuritis
(C) Oculomotor palsy (D) Sympathetic palsy
044. Subretinal demarcation line or watershed line is seen in:
(A) Fresh rhegmatogenous retinal detachment
(B) Old rhegmatogenous retinal detachment
(C) Retinopathy of prematurity
(D) Retinitis pigmentosa
045. In DCR, the opening is made at:
(A) Superior meatus (B) Middle meatus
(C) Inferior meatus (D) None of the above
046. Schirmer's test is used for diagnosing:
(A) Dry eye (B) Infective keratitis
(C) Watery eyes (D) Horner's syndrome
047. Pizza pie or margherita pizza retinal appearance is seen in
(A) CMV retinitis (B) Progressive retinal necrosis
(C) Acute retinal necrosis (D) HSV retinitis
048. Pneumatic retinopexy is an outpatient procedure where retinal detachment is sealed with air insufflation. Which is the gas used in the process?
(A) Carbon dioxide (B) Sulphur hexafluoride
(C) Nitrous oxide (D) Oxygen
049. Most common cause of adult bilateral proptosis
(A) Thyroid orbitopathy (B) Metastasis
(C) Lymphoma (D) Meningioma
050. Evisceration is:
(A) Excision of the entire eyeball
(B) Excision of all the inner contents of the eyeball including the uveal tissue
(C) Photocoagulation of the retina
(D) Removal of orbit contents

051. Grid photocoagulation is indicated in
 (A) Ischaemic maculopathy (B) Clinically significant macular oedema
 (C) Macular hole (D) Proliferative diabetic retinopathy
052. Ectopia lentis seen in all except
 (A) Marfan syndrome (B) Homocystinuria
 (C) Weil Marchesani syndrome (D) Peter anomaly
053. Nerve supply of orbicularis oculi muscle
 (A) 7th CN (B) 8th CN
 (C) 9th CN (D) 10th CN
054. Proptosis is present in the following condition except:
 (A) Horner's syndrome (B) Orbital cellulitis
 (C) Thyroid ophthalmopathy (D) Cavernous sinus thrombosis
055. Roper hall system of grading is for
 (A) Chemical injury of eye (B) Blunt trauma to eye
 (C) Radiation injury to eye (D) Perforating ocular injury
056. Normal lens contains _____% of water:
 (A) 50 (B) 40
 (C) 10 (D) 64
057. In anterior uveitis the pupil is generally:
 (A) Of normal size (B) Constricted
 (C) Dilated (D) Vertically oval
058. Koeppel's nodules are found in:
 (A) Cornea (B) Sclera
 (C) Iris (D) Conjunctiva
059. Aqueous humour is formed by:
 (A) Epithelium of ciliary body (B) Posterior surface of iris
 (C) Lens (D) Pars plana
060. Which of the following is not associated with rubeosis iridis?
 (A) Proliferative diabetic retinopathy (B) Retinopathy of prematurity
 (C) Central serous retinopathy (D) Eales' disease
061. Which laser is used for capsulotomy?
 (A) Diode laser (B) Carbon dioxide laser
 (C) Excimer laser (D) ND: YAG laser
062. Retinitis pigmentosa is a feature of all *except*:
 (A) Refsum's disease (B) Hallervorden-Spatz disease
 (C) NARP (D) Abetalipoproteinemia
063. Phacolytic glaucoma is best treated by:
 (A) Fistulizing operation (B) Cataract extraction
 (C) Cyclo-destructive procedure (D) Miotics and Beta blockers

064. Lens induced glaucoma does not occur in:
 (A) Intumescent cataract. (B) Anterior lens dislocation,
 (C) Posterior subcapsular cataract (D) Posterior lens dislocation
065. Osmotic agents used in treatment of glaucoma are all except
 (A) Mannitol (B) Glycerol
 (C) Isosorbide (D) Brimonidine
066. Best site where intraocular lens is fitted:
 (A) Capsular ligament (B) Endosulcus
 (C) Ciliary supported (D) Capsular bag
067. Pseudo rosettes are seen in
 (A) Ophthalmia nodosum (B) Retinoblastoma
 (C) Trachoma (D) Phacolytic glaucoma
068. Normally neuroretinal rim is broadest
 (A) Temporally (B) Inferiorly
 (C) Superiorly (D) Nasally
069. Bull's eye maculopathy is seen in toxicity of:
 (A) Chloroquine (B) Dapsone
 (C) Rifampicin (D) Ethambutol
070. Topical atropine is contraindicated in:
 (A) Retinoscopy in children (B) Iridocyclitis
 (C) Corneal ulcer (D) Primary angle closure glaucoma
071. Neovascular glaucoma follows:
 (A) Thrombosis of central retinal vein (B) Acute congestive glaucoma
 (C) Staphylococcal infection (D) Hypertension
072. A one-month old baby is brought with complaints of photophobia and watering. Clinical examination shows normal tear passages and clear but large cornea. The most likely diagnosis is:
 (A) Congenital dacryocystitis (B) Interstitial keratitis
 (C) Keratoconus (D) Buphthalmos
073. Koeppe's and Busacca's nodules are characteristic of
 (A) Granulomatous uveitis (B) Non-granulomatous uveitis
 (C) Recurrent uveitis (D) Chronic uveitis
074. Anterior uveitis is characterized by all except:
 (A) Aqueous flare (B) Shallow anterior chamber
 (C) Circumcorneal congestion (D) Miosis
075. In retinal detachment, fluid accumulates between:
 (A) Outer plexiform layer and inner nuclear layer.
 (B) Neurosensory retina and layer of retinal pigment epithelium.
 (C) Nerve fiber layer and rest of retina.
 (D) Retinal pigment epithelium and Bruch's membrane.

076. 100 days glaucoma is seen in:
 (A) Central Retinal Artery Occlusion (B) Branch Retinal Artery Occlusion
 (C) Central Retinal Vein Occlusion (D) Branch Retinal Vein Occlusion
077. The type of synechiae in iris bombe is:
 (A) Ring (B) Total
 (C) Filiform (D) Goniform
078. Leucocoria is seen in:
 (A) Papilloedema (B) Retinoblastoma
 (C) Papillitis (D) Retinitis
079. Commonest lesion which hinders vision in diabetic retinopathy is:
 (A) Macular oedema (B) Microaneurysm
 (C) Retinal hemorrhage (D) Retinal detachment
080. Commotio retinae is seen in:
 (A) Concussion injury (B) Papilloedema
 (C) Central retinal vein thrombosis (D) Central retinal artery thrombosis
081. Night blindness is caused by:
 (A) Central retinal vein occlusion (B) Dystrophies of retinal rods
 (C) Dystrophies of the cornea (D) Retinal detachment
082. In Central retinal artery occlusion, a cherry red spot is due to:
 (A) Hemorrhage at macula
 (B) Increased choroidal perfusion
 (C) Increase in retinal perfusion at macula
 (D) The contrast between pale retina and reddish choroids
083. The most common primary intraocular malignancy in adults is:
 (A) Retinoblastoma (B) Choroidal melanoma
 (C) Squamous cell carcinoma of conjunctiva (D) Iris nevus
084. Snow banking is seen in:
 (A) Pars planitis (B) Endophthalmitis
 (C) Coats' disease (D) Eales' disease
085. Occlusion of the lower nasal branch of the central retinal artery results in one of the following field defects:
 (A) Lower nasal sector field defect (B) Upper nasal sector field defect
 (C) Upper temporal field defect (D) Lower temporal sector field defect
086. Primary optic atrophy results from:
 (A) Retinal disease (B) Chronic glaucoma
 (C) Papilledema (D) Neurological disease
087. PIGMENTARY GLAUCOMA features are all except:
 (A) Krukenbergs spindle (B) Sampaolesi line
 (C) Reverse pupillary block (D) Lisch nodules

088. The type of optic atrophy that follows papilloedema is:
 (A) Secondary optic atrophy (B) Consecutive optic atrophy
 (C) Glaucomatous optic atrophy (D) Primary optic atrophy
089. Which of the following is incorrect regarding phthisis bulbi?
 (A) The intraocular pressure is increased (B) Calcification of the globe is common
 (C) Sclera is thickened (D) Size of the globe is reduced
090. All are seen in 3rd nerve palsy except:
 (A) Ptosis (B) Diplopia
 (C) Miosis (D) Outwards eye deviation
091. Homonymous hemianopia is due to lesion at:
 (A) Optic tract (B) Optic nerve
 (C) Optic chiasma (D) Retina
092. Choroidal folds are seen in all except
 (A) Retrobulbar tumours (B) Thyroid eye disease
 (C) Posterior scleritis (D) Anterior uveitis
093. Intraorbital segment of optic nerve measures :
 (A) 1 mm (B) 25-30 mm
 (C) 6 mm (D) 10 mm
094. VKH SYNDROME is associated with:
 (A) HLA DR 1 (B) HLA DR 10
 (C) HLA DR 20 (D) HLA DR 2
095. Which of the following is a serious complication of degenerative myopia?
 (A) Retinal detachment (B) Posterior staphyloma
 (C) Myopic crescent (D) Vitreous liquefaction
096. Bergmeister papilla is remnant of
 (A) Hyaloid vessels (B) Posterior ciliary vessels
 (C) Anterior ciliary vessels (D) Retinal vessels
097. Foster Fuchs' spots are seen in:
 (A) Myopia (B) Hypermetropia
 (C) Sympathetic ophthalmia (D) Astigmatism
098. Causes of Horners syndrome are all except
 (A) Cervical spinal cord lesion (B) Pancoast tumour
 (C) Syringomyelia (D) Sixth nerve palsy
099. D-shaped pupil occurs in:
 (A) Iridocyclitis (B) Iridodonesis
 (C) Cyclodialysis (D) Iridodialysis
100. In complete third nerve paralysis the direction of the affected eye in the primary position is:
 (A) Inward (B) Outward
 (C) Outward and up (D) Outward and down

101. Pseudopapillitis is seen in:
 (A) Hypermetropia (B) Myopia
 (C) Squint (D) Presbyopia
102. Objective assessment of refraction is termed as:
 (A) Gonioscopy (B) Retinoscopy
 (C) Ophthalmoscopy (D) Keratotomy
103. Behcet disease is associated with :
 (A) HLA B 51 (B) HLA B52
 (C) HLA B55 (D) HLA B 53
104. Treatment of choice for aphakia:
 (A) Spectacles (B) Contact lenses
 (C) IOL (D) Laser therapy
105. The pathogenesis of lid retraction include all the following except :
 (A) Fibrotic contracture of levator
 (B) Secondary over action of levator – superior rectus complex
 (C) Humorally – induced overaction of Muller muscle
 (D) 6th nerve palsy
106. The surgical procedures for lid retraction include all the following except :
 (A) Mullerotomy (B) Radiotherapy
 (C) Recession of lower lid retractors (D) Botulinum toxin injection
107. The ocular complication of bacterial orbital cellulitis include all the following except :
 (A) Exposure keratopathy
 (B) Ocular hypotony
 (C) Occlusion of the central retinal artery or vein
 (D) Endophthalmitis
108. Which of the following muscles is an intorter?
 (A) Inferior rectus (B) Inferior oblique
 (C) Superior rectus (D) Lateral rectus
109. Regarding Tolosa Hunt syndrome (all true except):
 (A) Is a diagnosis of exclusion.
 (B) It is a common condition
 (C) Caused by non – specific granulomatous inflammation of the cavernous sinus, superior orbital fissure and/or orbital apex
 (D) Its clinical course characterized by remissions and recurrences
110. Regarding superficial dermoid cyst :
 (A) Painful nodule
 (B) Most commonly located in the inferotemporal part of the orbit
 (C) C T shows a homogenous well – circumscribed lesion
 (D) Treatment is by excision in toto
111. The yoke muscle of right superior oblique is:
 (A) Right inferior oblique (B) Left inferior oblique
 (C) Right inferior rectus (D) Left inferior rectus

123. Marcus-Gunn pupil is due to
 (A) Defect anterior to chiasma (B) Defect at the optic chiasma
 (C) Defect posterior to the chiasma (D) Defect in the ciliary muscle
124. Feature of non proliferative diabetic retinopathy are all except
 (A) Neovascularisation (B) Hard exudates
 (C) Soft exudates (D) microaneurysms
125. The most common inherited blindness due to mitochondrial anomaly is:
 (A) Retinitis pigmentosa
 (B) Leber's congenital amaurosis
 (C) Leber's hereditary optic neuropathy (LHON)
 (D) Retinopathy of prematurity
126. Fundoscopic features of papilloedema include all of the following except
 (A) Ill-defined disc margins (B) Deep physiological cup
 (C) Absent venous pulsations (D) Bending of the blood vessels
127. Enlargement of the blind spot is seen
 (A) papillitis (B) Papilloedema
 (C) Avulsion of the optic nerve (D) Retinal detachment
128. Recurrence of pterygium after simple excision(bare sclera technique) is about :
 (A) 60% (B) 80%
 (C) 40% (D) 20%
129. The adult corneal endothelial cell density is about :
 (A) 1000 cells/mm² (B) 1500 cells/mm²
 (C) 2500 cells/mm² (D) 4000 cells/mm²
130. Consecutive optic atrophy is seen in:
 (A) Papilloedema (B) Papillitis
 (C) Retinal detachment (D) Retinitis pigmentosa
131. Lateral rectus palsy is characterized
 (A) Crossed diplopia (B) Uncrossed diplopia
 (C) Downward deviation of the eyeball (D) Upward deviation of the eyeball
132. The bacteria that are able to penetrate a normal corneal epithelium include all the following expect :
 (A) N. gonorrhoea. (B) Pseudomonas aeruginosa
 (C) N. meningitidis (D) C. diphtheria
133. Colour vision is checked by which one of the following?
 (A) Snellen's chart (B) Goldman's three mirror lens
 (C) Slit lamp (D) Ishihara's charts
134. The systemic diseases associated with peripheral ulcerative keratitis include all the following expect :
 (A) Rheumatoid arthritis (B) Wegener granulomatosis
 (C) SLE (D) None of the above

135. Holmgren's wool matching is used for assessment of:
- (A) Visual field (B) Visual acuity
 (C) Colour vision (D) Refraction
136. Systemic associations of high myopia are all except
- (A) Down syndrome (B) Marfan syndrome
 (C) Stickler syndrome (D) Turner syndrome
137. Schwalbe's line is:
- (A) The posterior limit of the Descemet's membrane
 (B) The posterior limit of the Bowman's membrane
 (C) The anterior limit of the Descemet's membrane
 (D) The anterior limit of the Bowman's membrane
138. The incidence of acute endophthalmitis following cataract surgery is approximately :
- (A) 0.1% (B) 0.5%
 (C) 1% (D) 10%
139. The Complication of Nd: Yag laser capsulotomy include all the following expect :
- (A) Damage to the IOL (B) CME
 (C) IOP elevation (D) None of the above
140. Visual field abnormalities in the Bjerrum's area are seen in:
- (A) Cataract (B) Glaucoma
 (C) Keratitis (D) Proptosis
141. Neovascular glaucoma occurs after ischemic central retinal vein occlusion in intervals :
- (A) From 12 weeks to 14 weeks (B) From 2 weeks to 3 weeks
 (C) From 1 week to 2 weeks. (D) From 4 weeks to 5 weeks
142. The treatment of congenital glaucoma is:
- (A) Essentially topical medication (B) Trabeculoplasty
 (C) Trabeculotomy with trabeculectomy (D) Cyclocryotherapy
143. Patient presents with acute painful red eye and vertically oval mid-dilated pupil. Most likely diagnosis is:
- (A) Acute retrobulbar neuritis (B) Acute angle closure glaucoma
 (C) Acute anterior uveitis (D) Severe keratoconjunctivitis
144. Malignant glaucoma is seen in:
- (A) After intraocular surgery (B) Intraocular malignancy
 (C) Trauma (D) Thrombosis
145. Regarding systemic side effects of systemic carbonic acid inhibitors (all true expect) :
- (A) Paraesthesia (B) Renal stone formation
 (C) Gastrointestinal complex. (D) Hyperkalemia.
146. ICE syndrome includes
- (A) Iris atrophy (B) Cogan Reese syndrome
 (C) Retinal detachment (D) Chandlers syndrome

147. Regarding Behcet syndrome (all true expect):
 (A) Is an idiopathic, multi system disease
 (B) Is characterised by recurrent episodes of orogenital ulceration and vasculitis
 (C) Is strongly associated with (HLA) B 51
 (D) Ocular involvement is unilateral
148. The laser procedure used for treating rubeosis iridis is:
 (A) Gonio-photocoagulation (B) Panretinal photocoagulation
 (C) Laser trabeculoplasty (D) Laser iridotomy
149. Krukenberg spindle is seen in:
 (A) Pigmentary glaucoma (B) Sympathetic ophthalmitis
 (C) Retinitis pigmentosa (D) Chalazion
150. Which of the following drugs is not used topically for the treatment of glaucoma?
 (A) Timolol (B) Latanoprost
 (C) Acetazolamide (D) Dorzolamide
151. Compared with plasma, aqueous humor has an increased concentration of which one of these components?
 (A) Protein (B) Ascorbate
 (C) Glucose (D) Carbon dioxide
152. Which of the following anti-glaucoma medications can cause drowsiness?
 (A) Latanoprost (B) Brimonidine
 (C) Timolol (D) Dorzolamide
153. Latanoprost acts in glaucoma by:
 (A) Decreasing aqueous humour production (B) Increasing uveoscleral outflow
 (C) Increasing trabecular outflow (D) Releasing pupillary block
154. Which drug used during general anesthesia is associated with an increase in IOP?
 (A) Halothane (B) Ketamine
 (C) Valium (D) Phenobarbital
155. Patients with homocystinuria are at increased risk for which of the following?
 (A) Lens subluxation
 (B) Angle-closure glaucoma
 (C) Intravascular thrombosis with general anesthesia
 (D) All of the above
156. Which of the following topical drugs causes heterochromia iridis?
 (A) Latanoprost (B) Prednisolone
 (C) Olopatadine (D) Timolol
157. Which of the following drugs is not used in a patient of acute congestive glaucoma having a history of sulfa allergy?
 (A) Glycerol (B) Acetazolamide
 (C) Mannitol (D) Latanoprost

158. Hyper osmotic agents act by:
 (A) Increasing aqueous outflow (B) Decreasing aqueous production
 (C) Decreasing vitreous volume (D) Increasing uveoscleral outflow
159. Bitot's spots are seen in:
 (A) Conjunctiva (B) Cornea
 (C) Retina (D) Vitreous
160. All of the following are well-established early signs of glaucomatous damage except:
 (A) Vertical elongation of the cup (B) Peripapillary atrophy
 (C) Splinter hemorrhage on disc (D) Nerve fiber layer loss
161. All of the following conditions are associated with increased pigmentation of the trabecular meshwork on gonioscopy
 (A) Pseudoexfoliation (PXF) syndrome (B) Pigment dispersion syndrome
 (C) Prior trauma (D) All of the above
162. In human corneal transplantation, the donor tissue is:
 (A) Synthetic polymer (B) Donor tissue from cadaveric human eyes
 (C) Donor tissue from live human eyes (D) Monkey eyes
163. Fuchs heterochromatic cyclitis is characterized by
 (A) Chronic low grade iritis (B) Posterior sub capsular cataract
 (C) Fine stellate KPs (D) All of the above
164. Which of the following is least likely to be found in a patient with primary congenital glaucoma?
 (A) IOP of 23 mm Hg
 (B) Cup-to-disc ratio of 0.4
 (C) Corneal diameter of 10.0 mm
 (D) Open angle with high iris insertion on gonioscopy
165. Cherry red spot seen in all except
 (A) CRAO (B) Commotio retinae
 (C) Mucopolysaccharidosis (D) CRVO
166. Neurotrophic keratopathy is caused by:
 (A) Bell's palsy (B) Facial nerve palsy
 (C) Trigeminal nerve palsy (D) None of the above
167. Which one of the following conditions does not have the same pathogenesis of glaucoma as the others?
 (A) Sturge-Weber syndrome (B) Thyroid eye disease
 (C) Aniridia (D) Carotid-cavernous sinus fistula
168. Exposure keratopathy is due to paralysis of:
 (A) Trigeminal nerve (B) Facial nerve
 (C) Abducens nerve (D) Oculomotor nerve
169. Photophthalmia or Snow blindness is caused by:
 (A) Ultraviolet rays (B) Infrared rays
 (C) Gamma rays (D) X-rays

170. With respect to corticosteroid glaucoma, all of the following are true except:
- (A) In most cases, after discontinuing the steroid, the IOP returns to normal over a few days to several weeks.
- (B) The rise in IOP may be delayed for years after starting the steroid.
- (C) Most cases are caused by long-term oral administration of steroids.
- (D) Patients with POAG are more susceptible to steroid-induced IOP elevations.
171. The blood supply of pre laminar optic nerve is
- (A) meningeal arteries (B) ophthalmic artery
- (C) short posterior ciliary artery (D) central retinal artery
172. What is the best initial therapy for malignant glaucoma?
- (A) Pilocarpine 2% (B) Laser iridotomy
- (C) Mydriatic-cycloplegic therapy (D) Lens removal
173. Blue sclera is seen in:
- (A) Alkaptonuria (B) Osteogenesis imperfecta
- (C) Ehlers-Danlos Syndrome (D) Kawasaki disease
174. The retina develops from:
- (A) Neuroectoderm (B) Surface ectoderm
- (C) Endoderm (D) Mesoderm
175. In fluorescein angiography of retina, the dye is injected in:
- (A) Femoral artery (B) Antecubital vein
- (C) Ophthalmic artery (D) Internal carotid artery
176. Premature baby weighing 1000 gms or less is most likely to suffer from
- (A) Cataract (B) Glaucoma
- (C) Retinopathy of prematurity (D) Retinal detachment
177. Lens is formed from
- (A) Surface ectoderm (B) Neural crest cells
- (C) Mesoderm (D) Neural ectoderm
178. HLA B 27 is associated with
- (A) Behcet's disease (B) Iridocyclitis
- (C) Sympathetic ophthalmia (D) Ocular histoplasmosis
179. External nasal nerve is a branch of
- (A) 5th CRANIAL NERVE (B) 3rd CRANIAL NERVE
- (C) 4th CRANIAL NERVE (D) 7th CRANIAL NERVE
180. A lesion in the pons causes
- (A) Anisocoria (B) Miosis
- (C) Light near dissociation (D) Mydrasis
181. Pseudotumor cerebri is most likely to cause which cranial nerve palsy
- (A) 3 (B) 4
- (C) 5 (D) 6

182. All of the following are appropriate therapy for primary HSV epithelial keratitis except:
 (A) Ganciclovir 0.15% gel (B) Difluprednate 0.05%
 (C) Débridement of corneal lesions (D) Valacyclovir
183. Which glaucoma medication does not decrease aqueous production?
 (A) Aproclonidine (B) Pilocarpine
 (C) Acetazolamide (D) Timolol
184. Congenital obstruction of the lacrimal drainage system usually occurs at
 (A) Valve of rosenmuller (B) Common canaliculus
 (C) Lacrimal sac (D) Valve of hasner
185. Which of the following can cause corneal perforation in just 48 hours?
 (A) Staphylococcus (B) Pseudomonas
 (C) Diphtheria (D) Aspergillus
186. Steroids are contraindicated in:
 (A) Phlyctenular conjunctivitis (B) Mooren's ulcer
 (C) Vernal keratoconjunctivitis (D) Dendritic ulcer
187. Ciliary staphyloma is due to:
 (A) Scleritis (B) Myopia
 (C) Iridocyclitis (D) Choroiditis
188. Cells affected in glaucomatous optic neuropathy are:
 (A) Amacrine cells (B) Bipolar cells
 (C) Ganglion cells (D) Rods and cones
189. Sunflower cataract is seen in:
 (A) Chalcosis (B) Diabetes
 (C) Syphilis (D) Stargardt's disease
190. What is the most common malignant epithelial tumor of the conjunctiva?
 (A) Basal cell carcinoma (B) Squamous cell carcinoma
 (C) Malignant melanoma (D) Squamous papilloma
191. Vossius ring is seen in:
 (A) Penetrating trauma (B) Concussion injury
 (C) Iridocyclitis (D) Acute angle closure glaucoma
192. Satellite lesion in cornea is a feature of
 (A) Bacterial corneal ulcer (B) Fungal corneal ulcer
 (C) Alkali burns (D) Acid burns
193. Iris pearls seen in
 (A) Leprosy (B) Syphilis
 (C) Tuberculosis (D) Sarcoidosis
194. Typical appearance of diabetic cataract is:
 (A) Sunflower cataract (B) Breadcrumb cataract
 (C) Polychromatic luster (D) Snowflake cataract

195. Typical coloboma of iris occurs in
 (A) Inferonasally (B) Superonasally
(C) Inferotemporally (D) Superotemporally
196. Normal value of Arden index is
(A) 1 (B) 1.5
(C) Less than 185% (D) More than 185%
197. Dot and blot hemorrhages are situated at the level of
(A) Nerve Fibre Layer (B) Ganglion Cell Layer
(C) ILM (D) Outer plexiform layer and inner nuclear layer
198. Poliosis is seen in all except
(A) VKH syndrome (B) Sympathetic ophthalmitis
(C) Marfans syndrome (D) Down syndrome
199. 'b' wave in ERG arises from:
(A) Rods and cones (B) Bipolar cells
(C) Ganglion cells (D) Retinal pigment epithelium
200. ETDRS chart is used for vision evaluation in diabetic patients. What does ETDRS stand for?
(A) Extended treatment for diabetic retinopathy study
 (B) Early treatment for diabetic retinopathy study
(C) Emergency treatment for diabetic retinopathy study
(D) Emerging treatment for diabetic retinopathy study