

PROVISIONAL ANSWER KEY

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Question1:-Largest museum in India is

- A:-National Museum New Delhi
- B:-National Museum Bombay
- C:-National Museum Calcutta
- D:-National Museum Chennai

Correct Answer:- Option-A

Question2:-What was the first travelogue in Malayalam?

- A:-Vartamana Pustakam
- B:-Oru Deshathinte Katha
- C:-Kappirikulude Nattil
- D:-Pathira Suriante Nade

Correct Answer:- Option-A

Question3:-Who build Secretariate Building at Thiruvananthapuram?

- A:-Sri Mulam Tirunal
- B:-Ayiliam Tirunal
- C:-Sri Chithira Tirunal
- D:-Swathi Tirunal

Correct Answer:- Option-B

Question4:-Holand of kerala is

- A:-Ernakulam
- B:-Pathira Manal
- C:-Kuttanad
- D:-Cherai beech

Correct Answer:- Option-C

Question5:-Who was the first Indian who reached in Antartica?

- A:-Lt Conel Reakesh Sharma
- B:-Lt Ranbeer sing
- C:-Lt Asthana
- D:-Lt Ram Cheran

Correct Answer:- Option-D

Question6:-Which is the first cyber state in India?

- A:-Kerala
- B:-Karnataka
- C:-Tamil nadu
- D:-Andrapradesh

Correct Answer:- Option-D

Question7:-Which is the river in India that flows through desert?

- A:-Ravi
- B:-Bias
- C:-Looni
- D:-Saraswathi

Correct Answer:- Option-C

Question8:-What is sefology?

- A:-Study about birds
- B:-Study about election
- C:-Study about flowers
- D:-Study about fish

Correct Answer:- Option-B

Question9:-Who started 'National Herald' Daily?

- A:-Jawaharlal Nehru
- B:-Balagangathira Tilak
- C:-Subash Bose
- D:-M.K. Gandhi

Correct Answer:- Option-A

Question10:-Which is the port of India that functioned on High Tide?

- A:-Mumbai
- B:-New Mangalore
- C:-Kandla
- D:-Tutucorin

Correct Answer:- Option-C

Question11:-What was the first native state which started legislative council in India?

- A:-Travancore
- B:-Cochin
- C:-Mysore
- D:-Hyderabad

Correct Answer:- Option-C

Question12:-Dr. Palpu worked in the service of which native state

- A:-Travancore
- B:-Cochin
- C:-Hyderabad
- D:-Mysore

Correct Answer:- Option-D

Question13:-How many kilometers India have inland water service system?

- A:-1400 km
- B:-1200 km
- C:-5865 km
- D:-14500 km

Correct Answer:- Option-D

Question14:-Who was the Diwan of Cochin who introduced grand in aid system to private educational institutions?

- A:-Sankunni Menon
- B:-Govinda Menon
- C:-Nanjappayya
- D:-Sankara warrier

Correct Answer:- Option-B

Question15:-Which is the largest rice producing country in the world?

- A:-Myanmar
- B:-Bangladesh
- C:-Taiwan
- D:-China

Correct Answer:- Option-C

Question16:-Who is the first Kerala Lokayuktha Judge?

- A:-Justice K. Balakrishnan
- B:-Justice P. Ramachandran
- C:-Justice Kamal Basha
- D:-Justice Syric Joseph

Correct Answer:- Option-D

Question17:-The Novel 'Navagraha Thadavara' is written by two novalist

- A:-Punathil and M.T. Vasudevan
- B:-Sethu and Punathil
- C:-Sethu and Meera
- D:-Sakariya and Sethu

Correct Answer:- Option-B

Question18:-When did first Malayalam English Dictionary published by Rev. Baily?

- A:-1872
- B:-1846
- C:-1826
- D:-1813

Correct Answer:- Option-A

Question19:-First coir factory established in

- A:-1858
- B:-1853
- C:-1868
- D:-1860

Correct Answer:- Option-A

Question20:-What is the slogan of Red cross?

- A:-Peace in war
- B:-Charity in war
- C:-Save humanity
- D:-Help the mankind

Correct Answer:- Option-B

Question21:-In Marfans' syndrome the lens is displaced

- A:-into the anterior chamber
- B:-downwards and outwards
- C:-upwards and outwards
- D:-downwards and inwards

Correct Answer:- Option-C

Question22:-The wave length of Nd-YAG laser is

- A:-532 nm
- B:-1064 nm
- C:-840 nm
- D:-647 nm

Correct Answer:- Option-B

Question23:-Which is not an ocular feature of Down's syndrome?

- A:-Mongoloid slant
- B:-Iris hypoplasia
- C:-Cataract
- D:-Aniridia

Correct Answer:- Option-D

Question24:-Features of Crouzon's syndrome are all except

- A:-Syndactyly
- B:-Mutation in FGFR2 gene
- C:-Proptosis
- D:-V Pattern exotropia

Correct Answer:- Option-A

Question25:-Naevus Flammeus is associated with

- A:-Von Recklinghausen's disease
- B:-tuberous sclerosis
- C:-Sturge Weber syndrome
- D:-Coats disease

Correct Answer:- Option-C

Question26:-The commonest primary orbital tumour in children is

- A:-optic nerve glioma
- B:-rhabdomyosarcoma
- C:-orbital lymphoma
- D:-optic nerve sheath meningioma

Correct Answer:- Option-B

Question27:-When a small target oscillated in front of a patient with binocular vision is seen to move in an elliptical rather than to and fro path, the phenomenon is called

- A:-Oppenheim phenomenon
- B:-Pulfrich phenomenon
- C:-Uthoff phenomenon
- D:-Paroxysmal convergence spasm

Correct Answer:- Option-B

Question28:-Which of these is found in excess of aqueous humour compared to blood

- A:-Ascorbic acid
- B:-Lactic acid
- C:-Glutathione

D:-Sorbitol

Correct Answer:- Option-B

Question29:-Which structure does not develop from neural ectoderm

A:-tarsal gland

B:-retina

C:-smooth muscle of iris

D:-optic cup

Correct Answer:- Option-A

Question30:-An inert intra ocular foreign body is

A:-Copper

B:-Iron

C:-Nickel

D:-Platinum

Correct Answer:- Option-D

Question31:-A 75 year old diabetic presented with sudden loss of vision in one eye. Fundus examination showed multiple flame shaped haemorrhages in retina. Probable diagnosis is

A:-Central retinal vein occlusion

B:-retinal detachment

C:-Proliferative retinopathy

D:-Cystoid macular oedema

Correct Answer:- Option-A

Question32:-Photostress test is performed to diagnose

A:-Macular diseases

B:-Optic nerve diseases

C:-Glaucoma

D:-Nerve conduction

Correct Answer:- Option-A

Question33:-The refractive index of cornea is

A:-1.333

B:-1.376

C:-1.342

D:-1.420

Correct Answer:- Option-B

Question34:-Prominent corneal nerves are a feature of all except

A:-acanthamoeba keratitis

B:-keratoconus

C:-fuchs endothelial dystrophy

D:-mycotic keratitis

Correct Answer:- Option-D

Question35:-Which of the following is a dystrophy involving bowman's layer of cornea?

A:-granular dystrophy of groenouwe

B:-meesman corneal dystrophy

C:-ThielBehnke corneal dystrophy

D:-gelatinous drop like corneal dystrophy

Correct Answer:- Option-C

Question36:-Following are associations of Golden Har syndrome except

A:-limbaldermoid

B:-mandibular hypoplasia

C:-microtia

D:-tower skull

Correct Answer:- Option-D

Question37:-The optic nerve head in the region of lamina cribrosa is supplied by

A:-branches from recurrant ciliary arteries

B:-Cilioretinal artery

C:-branches of posterior ciliary artery

D:- (1) and (2)

Correct Answer:- Option-C

Question38:-Paralysis of lateral rectus, ipsilateral facial palsy and contralateral hemiplegia is seen in

A:-foville syndrome

- B:-benedicts syndrome
 - C:-millardgubler syndrome
 - D:-webers syndrome
- Correct Answer:- Option-C

Question39:-The thin elastic membrane lining the inner side of choroid is

- A:-epiretinal membrane
- B:-lamina vitrea
- C:-lamina fusca
- D:-lamina papyracea

Correct Answer:- Option-B

Question40:-A child with retinitis pigmentosa has a bird shaped head and normal pressure hydrocephalus, probable diagnosis is

- A:-Kearne Sayre syndrome
- B:-Usher syndrome
- C:-Cockayne syndrome
- D:-Bassen-Kornzewig syndrome

Correct Answer:- Option-C

Question41:-Approximate number of retinal photoreceptors is

- A:-1 million
- B:-25 million
- C:-10 million
- D:-125 million

Correct Answer:- Option-D

Question42:-Which is not true of the parvocellular type of retinal ganglion cells?

- A:-they are colour sensitive
- B:-predominantly seen in macular region
- C:-transmit motion related information
- D:-cells have thinner axons of small calibre

Correct Answer:- Option-C

Question43:-The normal resolution visual acuity level of 6/6 is attained at the age of

- A:-6 years
- B:-4 years
- C:-3 years
- D:-8 years

Correct Answer:- Option-A

Question44:-Weber's syndrome is

- A:-ipsilateral 3rd nerve palsy and jerky movements of contralateral side
- B:-ipsilateral 6th and 7th nerve palsy and contralateral hemiplegia
- C:-ipsilateral 6th nerve palsy, tinnitus, deafness and nystagmus
- D:-ipsilateral 3rd nerve palsy, contralateral hemiplegia and UMN facial palsy

Correct Answer:- Option-D

Question45:-Which is not a viscoelastic?

- A:-1% sodium hyaluronate
- B:-3% methyl cellulose
- C:-5% acetyl cysteine
- D:-2% hypermellose

Correct Answer:- Option-C

Question46:-Contrast sensitivity is affected in

- A:-diabetic retinopathy
- B:-optic neuritis
- C:-myopia
- D:-astigmatism

Correct Answer:- Option-B

Question47:-The average corneal endothelial cell count is

- A:-2000/ "mm²"`
- B:-1800/ "mm²"`
- C:-3500/ "mm²"`
- D:-2800/ "mm²"`

Correct Answer:- Option-D

Question48:-Adies' tonic pupil

- A:-is smaller than its fellow
 - B:-does not dilate with atropine
 - C:-constricts with 0.1% pilocarpine drops
 - D:-does not react to light
- Correct Answer:- Option-C

Question49:-Which of these help in visualisation of corneal cells?

- A:-Confocal microscope
 - B:-Optical coherence tomography
 - C:-Pachymeter
 - D:-Slit lamp biomicroscope
- Correct Answer:- Option-A

Question50:-All are features of Behcet's disease except

- A:-significant association with HLA B 27 antigen
 - B:-orogenital ulceration
 - C:-obliterative retinal vasculitis
 - D:-hypopyon uveitis
- Correct Answer:- Option-A

Question51:-Conjunctival mucous is deficient in all these conditions except

- A:-Old trachoma
 - B:-Steven Johnson syndrome
 - C:-Ocular pemphigoid
 - D:-Sjogrens syndrome
- Correct Answer:- Option-D

Question52:-Following are examples of direct gonioscopes except

- A:-Koepppe
 - B:-Barkan
 - C:-Zeiss
 - D:-Swan Jacob
- Correct Answer:- Option-C

Question53:-Which is not a feature of Keratomalacia?

- A:-Necrosis and melting of cornea
 - B:-Inflamed eye
 - C:-is a cause of childhood blindness
 - D:-seen in protein energy malnutrition
- Correct Answer:- Option-B

Question54:-To maintain a normal transparency of cornea, the endothelial cell count should be atleast

- A:-`"1000/mm²"`
 - B:-`"2300/mm²"`
 - C:-`"500/mm²"`
 - D:-`"2000/mm²"`
- Correct Answer:- Option-C

Question55:-Which is not a feature of Stargardts' disease?

- A:-progressive tapetoretinal dystrophy
 - B:-beaten bronze appearance of fovea
 - C:-dark adaptation affected
 - D:-leakage of dye on fluorescein angiography
- Correct Answer:- Option-D

Question56:-Acute retinal necrosis is caused mainly by

- A:-Varizella zoster
 - B:-cytomegalo virus
 - C:-syphilis
 - D:-leptospira
- Correct Answer:- Option-A

Question57:-Which holds true for congenitalretinoschisis?

- A:-splitting of retina at outer plexiform layer
- B:-sparing of fovea
- C:-splitting of retina in the nerve fibre layer
- D:-extends upto ora serrata

Correct Answer:- Option-C

Question58:-Which of these materials is deposited in the neurons in Tay Sachs' disease ?

- A:-Lipofuscin
- B:-Sphingomyelin
- C:-Ceroid
- D:-Ganglioside Gm2

Correct Answer:- Option-D

Question59:-Which does not hold true for central serous chorioidopathy?

- A:-smoke stack appearance of FFA
- B:-ink blot appearance on FFA
- C:-flower petal appearance on FFA
- D:-vision correctable by convex lenses

Correct Answer:- Option-C

Question60:-All statements hold true for retinal tamponade using silicon oil except

- A:-produces secondary glaucoma
- B:-expands with changing atmospheric pressure
- C:-to be removed after 8-12 weeks
- D:-reduces tendency for proliferative vitreoretinopathy

Correct Answer:- Option-B

Question61:-Which is the false statement regarding Lebers congenital amaurosis?

- A:-blindness in early infancy
- B:-mutation in RPE65 gene
- C:-coarsenystagmus
- D:-autosomal dominant inheritance

Correct Answer:- Option-D

Question62:-All are true of homocystinuria except

- A:-disorder of methionine metabolism
- B:-severe myopia
- C:-ectopia lentis
- D:-autosomal dominant inheritance

Correct Answer:- Option-D

Question63:-Lisch nodule in iris is seen in

- A:-syphilis
- B:-sturge weber syndrome
- C:-vonhippellindau syndrome
- D:-neurofibromatosis

Correct Answer:- Option-D

Question64:-Which of these statements hold true for basal cell carcinoma of the lids?

- A:-spreads to local lymph nodes
- B:-commonest malignant tumour of the lids
- C:-predilection for the lower lid
- D:-cryotherapy is the treatment of choice

Correct Answer:- Option-B

Question65:-The most common cause for Anton's syndrome is

- A:-bilateral occipital lobe infarction
- B:-head injury
- C:-falco tentorial meningioma
- D:-multiple metastasis

Correct Answer:- Option-A

Question66:-The primary action of superior oblique is

- A:-abduction
- B:-intorsion
- C:-depression
- D:-adduction

Correct Answer:- Option-B

Question67:-Which of the following pairs are yolk muscles?

- A:-RSR and LIR
- B:-RSR and LSO
- C:-LSR and RIO

D:-LSO and RIO

Correct Answer:- Option-C

Question68:-The cell type commonly seen in the most malignant form of choroidal melanoma is

A:-Spindle A

B:-Spindle B

C:-Epitheloid

D:-Mixed

Correct Answer:- Option-C

Question69:-Which is not true for Lebershereditary optic neuropathy?

A:-commences around 20 years of age

B:-it is a retrobulbar neuropathy

C:-females affected more

D:-transmission is by mutations in mitochondrial DNA

Correct Answer:- Option-C

Question70:-Induction movements, which muscle help in elevation

A:-SO in adduction

B:-IO in adduction

C:-SR in adduction

D:-SO in abduction

Correct Answer:- Option-B

Question71:-While doing retinoscopy, red reflex moves in opposite direction to the mirror in

A:-hypermetropia

B:-myopia greater than ID

C:-myopia of ID

D:-myopia lesser than ID

Correct Answer:- Option-B

Question72:-The number of blind people in India is approximately

A:-37 million

B:-45 million

C:-20 million

D:-9 million

Correct Answer:- Option-D

Question73:-The near point of convergence is approximately

A:-70 cm

B:-100 cm

C:-50 cm

D:-25 cm

Correct Answer:- Option-A

Question74:-Steroid drop with the greatest anti inflammatory action is

A:-loteprednol 0.2%

B:-fluomethalone 0.1%

C:-medrysone 1.0%

D:-prednisolone acetate 1.0%

Correct Answer:- Option-D

Question75:-Image formed by a prism is

A:-virtual, erect, displaced towards its apex

B:-inverted, real, displaced towards apex

C:-virtual, inverted displaced towards apex

D:-real, erect, displaced towards apex

Correct Answer:- Option-A

Question76:-Which of these statements is false regarding retinoblastoma?

A:-mutation in the RBI gene

B:-lactase dehydrogenase higher within aqueous than serum

C:-Flexner wintersteiner rosettes indicative of poorly differentiated tumour

D:-Lactase dehydrogenase activity higher in aqueous than serum

Correct Answer:- Option-C

Question77:-Which is not true about Vogt Koyanagi Harada syndrome?

A:-Chronic granulomatous uveitis

B:-involves parotid glands

C:-commoner in Asians
D:-auto immune response against melanocytes
Correct Answer:- Option-B

Question78:-Average endothelial cell loss following a normal cataract surgery is

A:-2-10%
B:-8-15%
C:-12-16%
D:-16-20%

Correct Answer:- Option-A

Question79:-Neurotrophickeratopathy is caused by

A:-symblepharon
B:-herpetic keratitis
C:-deep coma
D:-paralysis of orbicularis oculi

Correct Answer:- Option-B

Question80:-Which statement is not true about cornea verticillata?

A:-seen in fabry disease
B:-caused by long term use of chloroquine
C:-involves corneal endothelium
D:-reversible condition

Correct Answer:- Option-C

Question81:-True about adenoviral conjunctivitis

A:-genome is a linear double stranded DNA
B:-incubation period of 3 weeks
C:-formation of true membrane
D:-ganciclovir only modality of treatment

Correct Answer:- Option-B

Question82:-All are branches of ophthalmic artery except

A:-central retinal artery
B:-anterior choroidal artery
C:-anteriorciliary artery
D:-short posterior ciliary artery

Correct Answer:- Option-B

Question83:-Causes of decreased corneal sensation are all except

A:-herpes simplex keratitis
B:-acanthamoeba keratitis
C:-post keratoplasty
D:-acoustic neuroma

Correct Answer:- Option-C

Question84:-Unilateral mydriasis is seen in

A:-Adie's tonic pupil
B:-Argyl Robertson pupil
C:-Horner syndrome
D:-Pontine bleed

Correct Answer:- Option-A

Question85:-Thinnest part of retina is

A:-macula
B:-around optic disc
C:-equator
D:-oraserrata

Correct Answer:- Option-D

Question86:-Capacity of the orbit is

A:-15 cc
B:-18 cc
C:-30 cc
D:-45 cc

Correct Answer:- Option-C

Question87:-Refractive index of vitreous humour is

A:-1.42

B:-1.37

C:-1.39

D:-1.33

Correct Answer:- Option-D

Question88:-Which is not true for sympathetic ophthalmitis?

A:-never seen within a week of injury

B:-retrolental flare is an early sign

C:-non granulomatous panuveitis

D:-auto immune aetiology

Correct Answer:- Option-C

Question89:-Extra ocular muscles develops from

A:-neural crest

B:-neural ectoderm

C:-surface ectoderm

D:-mesoderm

Correct Answer:- Option-D

Question90:-Which of these developmental cataracts is not genetically inherited?

A:-zonular cataract

B:-cataractacoerulea

C:-cataratacentralispulverulenta

D:-coralliform cataract

Correct Answer:- Option-B

Question91:-All these conditions cause a salt and pepper fundus picture except

A:-rubella

B:-lebers congenital amaurosis

C:-cytomegalo virus

D:-syphilis

Correct Answer:- Option-C

Question92:-Depth perception in an infant develops by the age of

A:-3 months

B:-8 weeks

C:-12 months

D:-6 months

Correct Answer:- Option-D

Question93:-Which of this is a photo disruptive laser?

A:-Nd YAG laser

B:-frequency doubled Nd YAG laser

C:-diode laser

D:-argon laser

Correct Answer:- Option-A

Question94:-Rate of formation of aqueous humour is

A:-3.2 μ l/minute

B:-3.4 μ l/minute

C:-2.9 μ l/minute

D:-2.3 μ l/minute

Correct Answer:- Option-D

Question95:-The instrument generally used to measure intraocular pressure in a scarred cornea is

A:-Pulse air

B:-Airpuff

C:-Tonopen

D:-Perkins

Correct Answer:- Option-C

Question96:-Which of these anti glaucoma drugs are contra indicated in patients with sulpha allergy?

A:-bimatoprost

B:-brinzolamide

C:-timolol maleate

D:-travoprost

Correct Answer:- Option-B

Question97:-Which of these bacteria can penetrate an intact corneal epithelium?

A:-listeriamonocytogenes

B:-Ecoli

C:-Klebsiella

D:-Pseudomonas

Correct Answer:- Option-A

Question98:-In contact lens users the most common cause of infection is

A:-Pneumococcus

B:-Streptococcus

C:-Pseudomonas

D:-Staphylococcus

Correct Answer:- Option-C

Question99:-All are true about arcussenilis except

A:-seen in elderly

B:-lipoid infiltration in corneal epithelium

C:-seen in the corneal stroma

D:-clear area between limbus and arcus

Correct Answer:- Option-B

Question100:-Most common type of corneal dystrophy is

A:-Meesman

B:-Microcystic

C:-Macular

D:-Granular

Correct Answer:- Option-B