

PROVISIONAL ANSWER KEY

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Question1:-Pradhan Mantri Gramin Awaas Yojana was initiated in the year

- A:-1990
- B:-1985
- C:-2000
- D:-2010

Correct Answer:- Option-B

Question2:-The state having lowest literacy rate as per census of 2011 is

- A:-Jharkhand
- B:-Rajasthan
- C:-Haryana
- D:-Bihar

Correct Answer:- Option-D

Question3:-The famous Dal Lake is situated in which of the following states?

- A:-Jammu and Kashmir
- B:-Odisha
- C:-Himachal Pradesh
- D:-Karnataka

Correct Answer:- Option-A

Question4:-The Railway Staff College is situated at

- A:-New Delhi
- B:-Hyderabad
- C:-Vadodara
- D:-Chennai

Correct Answer:- Option-C

Question5:-Who won the 100 metres women's race in the World Athletic Championships in 2017?

- A:-Thori Bovi
- B:-Dafne Shippers
- C:-Mary Joscy
- D:-Florence Griffith

Correct Answer:- Option-A

Question6:-India shares maximum land borders with which of the following countries?

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

Correct Answer:- Option-B

Question7:-Number of Supreme Court judges in India excluding Chief Justice

- A:-25
- B:-30
- C:-24
- D:-26

Correct Answer:- Option-B

Question8:-Who among the following is recently appointed as UNICEF goodwill Ambassador?

- A:-Palbinder Kaur
- B:-Nikita Hari
- C:-Mrinal Sambat
- D:-Lilly Singh

Correct Answer:- Option-D

Question9:-The constitutional provision for G.S.T. is given in

- A:-Article 256
- B:-Article 246
- C:-Article 266 A
- D:-Article 240

Correct Answer:- Option-C

Question10:-The Founder of Dharmabhada Sangam was

- A:-Kumaranasan
- B:-Swami Bodhananda
- C:-K.P. Karuppan
- D:-Swami Ananda Theertha

Correct Answer:- Option-B

Question11:-Basha Poshini Sabha was founded in the year

- A:-1891
- B:-1900
- C:-1896
- D:-1911

Correct Answer:- Option-A

Question12:-The author of the Book 'Jeevitha Samaram'

- A:-T.K. Madhavan
- B:-K. Kelappan
- C:-C. Kesavan
- D:-C. Krishnan

Correct Answer:- Option-C

Question13:-Famous Fort William is located at

- A:-Delhi
- B:-Chennai
- C:-Mumbai
- D:-Kolkata

Correct Answer:- Option-D

Question14:-India's population reached a billion mark in the year

- A:-2000
- B:-1996
- C:-1998
- D:-2002

Correct Answer:- Option-C

Question15:-Who described Gandhiji as 'half naked Fakir'?

- A:-Clement Atlee
- B:-Winston Churchill
- C:-Lord Mount Batten
- D:-Straford Cripps

Correct Answer:- Option-B

Question16:-How many times the preamble of the Indian Constitution has been amended so far?

- A:-Once
- B:-Twice
- C:-Thrice
- D:-Four times

Correct Answer:- Option-A

Question17:-Which struggle is known as Upper Cloth Rebellion?

- A:-Kallumala Samaram
- B:-Paliyam Satyagraha
- C:-Channar Agitation
- D:-Thol Viraku Samaram

Correct Answer:- Option-C

Question18:-The Youngest President of India was

- A:-Ram Nath Kovind
- B:-Neelam Sanjeev Reddy
- C:-K.R. Narayanan
- D:-Prathiba Patil

Correct Answer:- Option-B

Question19:-The Author of the Book 'Moksha Pradeepam' was

- A:-K.P. Karuppan
 - B:-Ayyankali
 - C:-Sree Narayana Guru
 - D:-Brahmananda Sivayogi
- Correct Answer:- Option-D

Question20:-The Manjeri Political Conference of Congress in 1920 was presided over by

- A:-Mrs. Annie Besant
 - B:-T. Prakasham
 - C:-Kasthuri Ranga Iyengar
 - D:-K. Kelappan
- Correct Answer:- Option-C

Question21:-Which of the following condition is not associated with disc oedema?

- A:-Anterior ischemic optic neuropathy
 - B:-Papillitis
 - C:-Central retinal vein occlusion
 - D:-Retrolbulbar neuritis
- Correct Answer:- Option-D

Question22:-Which of the following is not an aetiological factor of contact lens induced papillary conjunctivitis?

- A:-Mechanical trauma
 - B:-Meibomian gland dysfunction
 - C:-Viral infection
 - D:-Hypersensitivity
- Correct Answer:- Option-C

Question23:-Which of the following corneal ulcer produces a hemorrhagic hypopyon?

- A:-Clostridium
 - B:-Corynebacteria
 - C:-Pneumococci
 - D:-Pseudomonas
- Correct Answer:- Option-C

Question24:-Which of the following is the primary action of superior rectus muscle?

- A:-Depression
 - B:-Intorsion
 - C:-Abduction
 - D:-Elevation
- Correct Answer:- Option-D

Question25:-Willebrands knee has

- A:-Inferior fibres
 - B:-Inferotemporal fibres
 - C:-Inferonasal fibres
 - D:-Superonasal fibres
- Correct Answer:- Option-C

Question26:-Which of the following is true about acquired colour vision defect except?

- A:-No specific spectral region of colour discrimination loss
 - B:-Marked dependence on target size and illumination
 - C:-Variable result on various colour vision test
 - D:-No change in deficit over time
- Correct Answer:- Option-D

Question27:-Ocular associations of congenital myopia all except

- A:-Convergent squint
 - B:-Glaucoma
 - C:-Microphthalmos
 - D:-Cataract
- Correct Answer:- Option-B

Question28:-Following are the other names of retinoscopy except

- A:-Skiascopy
- B:-Shadow test
- C:-Abberoscopy
- D:-Korescopy

Correct Answer:- Option-C

Question29:-Following are features of antireflective coating except

- A:-Refractive index should be square root of that of lens
- B:-Thickness should be half the wavelength of light
- C:-Magnesium fluoride is used in high powered lens
- D:-None of the above

Correct Answer:- Option-B

Question30:-Discolouration of photochromic glasses is due to the presence of

- A:-Borosilicate
- B:-Aluminophosphate
- C:-Silver halide
- D:-All of the above

Correct Answer:- Option-C

Question31:-Which of the following is true about SRK-1 formula?

- A:-First generation formula
- B:-Regression formula
- C:-Good for axial length between 22-24.5 mm
- D:-All the above

Correct Answer:- Option-D

Question32:-What is the power of stand mounted magnifier?

- A:-Less than 5 D
- B:-5-60 D
- C:-60-70 D
- D:-None of the above

Correct Answer:- Option-B

Question33:-Which of the following is an indication for advanced corneal surface ablation procedures?

- A:-Astigmatism upto 4 D
- B:-Myopia of 8-10 D
- C:-Hyperopia of 4-5 D
- D:-All the above

Correct Answer:- Option-A

Question34:-How much increase in intra ocular pressure occur during applanation tonometry?

- A:-5%
- B:-0.1%
- C:-3%
- D:-2%

Correct Answer:- Option-C

Question35:-Inter observer variability of Goldmann applanation tonometry is

- A:-3-4 mmHg
- B:-4 to 5 mmHg
- C:-0 to 3 mmHg
- D:-5 to 7 mmHg

Correct Answer:- Option-C

Question36:-Most common cause for bilateral proptosis in adults is

- A:-Cavernous hemangioma
- B:-Thyroid orbitopathy
- C:-Pseudotumour
- D:-Metastasis

Correct Answer:- Option-B

Question37:-Following are the causes of prominent corneal nerves

- A:-Keratoconus
- B:-Neurofibromatosis
- C:-Refsum syndrome
- D:-All the above

Correct Answer:- Option-D

Question38:-'T' sign in B scan is seen in

- A:-Posterior Scleritis
- B:-Papillitis
- C:-Posterior uveitis

D:-All the above

Correct Answer:- Option-A

Question39:-A 10 year old child presenting with chronic iridocyclitis. What is the most probable diagnosis?

A:-Juvenile idiopathic arthritis

B:-Multiple sclerosis

C:-Retinoblastoma

D:-Leukemia

Correct Answer:- Option-A

Question40:-Double ring sign is seen in

A:-ONH hypoplasia

B:-Coloboma

C:-Papilledema

D:-Myopia

Correct Answer:- Option-A

Question41:-Following are the vascular signs of papilledema except

A:-Hyperemia of the disc

B:-Flame shaped haemorrhages

C:-Cotton wool spots

D:-Masking of peripapillary vessels

Correct Answer:- Option-D

Question42:-Which of the following condition causes light near dissociation except?

A:-Myesthenia gravis

B:-Parinaud's syndrome

C:-Adie's syndrome

D:-Neurosyphils

Correct Answer:- Option-A

Question43:-Name the organism which can penetrate intact cornea?

A:-Listeria

B:-Pseudomonas

C:-Epstein-Barr Virus

D:-Salmonella

Correct Answer:- Option-A

Question44:-Which is the most common primary malignant tumour of orbit in children?

A:-Malignant optic nerve glioma

B:-Meningioma

C:-Rhabdomyosarcoma

D:-Lymphoma

Correct Answer:- Option-C

Question45:-Which is the most common visually significant congenital cataract?

A:-Blue dot

B:-Posterior capsular

C:-Diffuse in cellular cataract

D:-Zonular cataract

Correct Answer:- Option-D

Question46:-Indications for pars plana vitrectomy in diabetic retinopathy are all except

A:-Severe nonproliferative diabetic retinopathy

B:-Persistant vitreous hemorrhage

C:-Vitreomacular tractions

D:-Tractional retinal detachment threatening macula

Correct Answer:- Option-A

Question47:-Which number of amsler grid helps in distinguishing scotoma from metamorphopsia?

A:-Chart 2

B:-Chart 3

C:-Chart 4

D:-Chart 6

Correct Answer:- Option-C

Question48:-Window defect in FFA is seen in which of the following condition?

A:-Full thickness macular hole

B:-Central serous retinopathy

C:-Cystoid macular edema

D:-Occult CNVM

Correct Answer:- Option-A

Question49:-Brush field spots are seen in which systemic condition?

A:-Neurofibromatosis

B:-Sturge Weber syndrome

C:-Down syndrome

D:-Marfan syndrome

Correct Answer:- Option-C

Question50:-Which structure is targeted in pattern ERG?

A:-Ganglion cells

B:-Bipolar cells

C:-Cones

D:-Rods

Correct Answer:- Option-A

Question51:-What is the normal AC/A ratio?

A:-3-5 prism diopter

B:-7 prism diopter

C:-10 prism diopter

D:-15 prism diopter

Correct Answer:- Option-A

Question52:-Monocular elevation deficit syndrome is characterized by

A:-Hypertropia

B:-Ipsilateral ptosis

C:-Tight superior rectus

D:-All the above

Correct Answer:- Option-B

Question53:-Which is the most common cause of AIDS related neurophthalmic lesion?

A:-Neurosyphilis

B:-Cryptococcal meningitis

C:-CMV encephalitis

D:-Herpes zoster encephalitis

Correct Answer:- Option-B

Question54:-All are features of Weber syndrome except

A:-Contralateral hemiparesis

B:-Contralateral sensation loss

C:-Ptosis

D:-Restriction of adduction

Correct Answer:- Option-B

Question55:-Reduplicated cataract is seen in

A:-Corneal ulcer

B:-Lowes syndrome

C:-Ophthalmia neonatorum

D:-Fabry's disease

Correct Answer:- Option-C

Question56:-Which bacteria produces ulcus serpens?

A:-Pseudomonas

B:-Gonococci

C:-Nocardia

D:-Pneumococci

Correct Answer:- Option-D

Question57:-Following are causes of heterochromic iris

A:-Melanoma iris

B:-Fuch's heterochromic iridocyclitis

C:-Siderosis

D:-All the above

Correct Answer:- Option-D

Question58:-Poly chromatic lustre in cataract is seen in

A:-Myotonic dystrophy

B:-Complicated cataract

C:-Galactosemia

D:-Diabetes mellitus

Correct Answer:- Option-B

Question59:-Anisocoria more in light is due to

A:-Unilateral optic nerve diseases

B:-Oculomotor nerve palsy

C:-Horner's syndrome

D:-All the above

Correct Answer:- Option-B

Question60:-Christmas tree cataract is seen in

A:-Hypoparathyroidism

B:-Werner's syndrome

C:-Atopic cataract

D:-Myotonic dystrophy

Correct Answer:- Option-D

Question61:-Lander's sign is seen in

A:-Multiple sclerosis

B:-Frosted branch angitis

C:-Tuberculosis

D:-Sarcoidosis

Correct Answer:- Option-D

Question62:-The following statements are correct about photoreceptors except

A:-125 million rods present

B:-Cone density increases at ora serrata

C:-Rods are densest below the disc

D:-Outer segment actively participate in rapid metabolism

Correct Answer:- Option-D

Question63:-The following are true about cytomegalovirus retinitis in HIV patients except

A:-Pizza pie retinopathy is characterized by retinal necrosis

B:-25% patients asymptomatic

C:-Indolent form occurs in peripheral retina

D:-Frosted branch angitis is uncommon

Correct Answer:- Option-B

Question64:-According to Dahan et al approach what is the power of intraocular lens to be used in a child with axial length of 22 mm?

A:-28 D

B:-26 D

C:-24 D

D:-23 D

Correct Answer:- Option-D

Question65:-Which of the following is correct about vossius ring is

A:-Size is that of normal pupil

B:-Size is that of miotic pupil

C:-Size that of mydriatic pupil

D:-Size not related to size of pupil

Correct Answer:- Option-B

Question66:-Incidence of neovascular of iris in CRAO

A:-10%

B:-18%

C:-26%

D:-< 5%

Correct Answer:- Option-B

Question67:-MC cause for isolated cilioretinal artery obstruction in young person

A:-Collagen vascular d/s

B:-Congenital heart d/s

C:-Valvular heart d/s

D:-Stickler's d/s

Correct Answer:- Option-A

Question68:-Clinical signs of choroidal melanoma are

- A:-Dome shaped mass
- B:-Collar stud tumour
- C:-Sentinal vessels
- D:-All the above

Correct Answer:- Option-D

Question69:-Which systemic diseases are associated with congenital hypertrophy of retinal pigment epithelium?

- A:-Gardner syndrome
- B:-Turcot syndrome
- C:-Familial adenomatous polyposi
- D:-All the above

Correct Answer:- Option-D

Question70:-Which of the following is included in advanced diabetic eye disease except?

- A:-Vitreous haemorrhage
- B:-Macular ishchemia
- C:-Tractional retinal detachment
- D:-Neovascular glaucoma

Correct Answer:- Option-B

Question71:-Siegrist streaks in hypertensive choroidopathy indicates

- A:-Fibrinoid necrosis
- B:-Ischemic necrosis
- C:-Choroidal vasoconstriction
- D:-None of the above

Correct Answer:- Option-A

Question72:-Purtscher like retinopathy is seen in which of the following condition?

- A:-Amniotic fluid embolism
- B:-Carotid insufficiency
- C:-Retinitis pigmentosa
- D:-None of the above

Correct Answer:- Option-A

Question73:-What is the size of soft drusen in age related macular degeneration?

- A:-63 microns
- B:-63-125 microns
- C:-larger than 125
- D:-None of the above

Correct Answer:- Option-C

Question74:-What is the excitation peak for fluorescein?

- A:-490 nm
- B:-530 nm
- C:-420 nm
- D:-560 nm

Correct Answer:- Option-A

Question75:-Name one recognition acuity test

- A:-Dot visual acuity test
- B:-Bock candy bead test
- C:-Schwartz metronome test
- D:-Sjogren's hand test

Correct Answer:- Option-D

Question76:-Which of the following are features of Refsum's disease?

- A:-Retinitis pigmentosa
- B:-Salt and pepper retinal pigmentation
- C:-Cataract
- D:-All the above

Correct Answer:- Option-D

Question77:-Waardenburg syndrome is characterized by

- A:-Myopia
- B:-Hypochromic iris
- C:-Cataract
- D:-Optic atrophy

Correct Answer:- Option-B

Question78:-'Pink eye' is a feature of which disease?

- A:-Farber syndrome
- B:-Rubella syndrome
- C:-Albinism
- D:-None of the above

Correct Answer:- Option-C

Question79:-Which of the following is the major excitatory neurotransmitter in retina?

- A:-Dopamine
- B:-Serotonin
- C:-Glutamate
- D:-Glycine

Correct Answer:- Option-C

Question80:-Which of the following organism causes cracked windshield appearance of corneal ulcer?

- A:-Acanthamoeba
- B:-Corynebacteria
- C:-Nocardia
- D:-Clostridium

Correct Answer:- Option-C

Question81:-Which of the following is correct about blood supply of optic nerve except?

- A:-Ophthalmic artery
- B:-Prelaminar region is supplied by short posterior ciliary artery
- C:-Orbital part is by pial network from posterior ciliary artery
- D:-Intracanalicular segment is not in the water shed zone

Correct Answer:- Option-D

Question82:-Which statement is correct about optic chiasm except?

- A:-Lies over the body of sphenoid
- B:-Above diaphragm sellae in fixed chiasma
- C:-Prefixed chiasma lies above tuberculum sellae
- D:-70% cases are postfixed

Correct Answer:- Option-D

Question83:-Push up test is used to measure

- A:-Near point of accommodation
- B:-Subjective retinoscopy
- C:-Squint
- D:-None of the above

Correct Answer:- Option-A

Question84:-Following is a hydrogel lens material

- A:-HEMA-VP
- B:-PMMA
- C:-Silicone
- D:-Cellulose acetate butyrate

Correct Answer:- Option-A

Question85:-Enlarged superior ophthalmic vein is seen in

- A:-Papilledema
- B:-Carotico cavernous fistula
- C:-Meningioma
- D:-Exophthalmos

Correct Answer:- Option-B

Question86:-Which of the following is not a cause for pseudo papilledema?

- A:-Hypermetropia
- B:-ONH drusen
- C:-Myelinated nerve fibres
- D:-None of the above

Correct Answer:- Option-D

Question87:-What is Urrets-zavalía syndrome?

- A:-Mydriatic pupil following implantation of glaucoma drainage device
- B:-Miotic pupil following deep anterior lamellar keratoplasty in keratoconus
- C:-Mydriated pupil following penetrating keratoplasty in keratoconus

D:-None of the above

Correct Answer:- Option-C

Question88:-Which of the following is true about conjunctival melanoma?

A:-Metastasis occurs first in parotid or submandibular lymph node

B:-Tumour thicker than 1 mm carries greater risk of dissemination

C:-1/3 cases develops from primary acquired melanosis

D:-None of the above

Correct Answer:- Option-A

Question89:-Which of the following drug causes whorl like keratopathy except?

A:-Amiodarone

B:-Diazepam

C:-Indomethacin

D:-Chloroquine

Correct Answer:- Option-B

Question90:-Which is true about optic nerve glioma except?

A:-Seen in the first decade

B:-Malignant optic nerve glioma affect adult males

C:-75-80% associated with neurofibromatosis

D:-Observation is the treatment if good present

Correct Answer:- Option-C

Question91:-Watzke Allen test helps in diagnosis of which condition

A:-AMD

B:-Best disease

C:-Macular hole

D:-Oguchi's disease

Correct Answer:- Option-C

Question92:-Prentice's formula is used for calculation of _____

A:-Focal length of lens

B:-Prismatic effect due to decentration

C:-Cardinal data of eye

D:-Magnification produced by lens

Correct Answer:- Option-B

Question93:-Which of the following is a direct gonioscope except?

A:-Allen Thorpe gonioscope

B:-Huskin Barkan's lens

C:-Richardson Shaffer's gonioscope

D:-Worth gonioscope

Correct Answer:- Option-A

Question94:-What is the first sign of acoustic neuroma?

A:-Hearing loss

B:-Decreased corneal sensation

C:-Defective vision

D:-Diplopia

Correct Answer:- Option-C

Question95:-Which of the following shows wagon wheel scar?

A:-Congenital toxoplasmosis

B:-Acquired toxoplasmosis

C:-Toxocariasis

D:-Onchocerciasis

Correct Answer:- Option-A

Question96:-Which of the following is true about peripheral ulcerative keratitis?

A:-Severe ulceration or thinning

B:-No involvement of sclera

C:-Contact lens cornea in end stage disease

D:-Precede collagen vascular disease

Correct Answer:- Option-B

Question97:-The different display formats in corneal topographic data include all except

A:-Numerical power plot

B:-Quad map

C:-Keratometry view

D:-Profile view

Correct Answer:- Option-B

Question98:-Which of the following is a diagnostic indication of contact lens except?

A:-Gonioscopy

B:-Electroretinography

C:-Glaucoma

D:-Fundus photography

Correct Answer:- Option-C

Question99:-Which is true about bull's eye lens?

A:-Refractive multifocal lens

B:-Diffractive lens

C:-Accommodative lens

D:-None of the above

Correct Answer:- Option-A

Question100:-Refractive lenticule extraction (RELEX) is a

A:-Type of refractive surgery

B:-Using femtosecond laser

C:-In SMILE extraction of refractive lenticule is done

D:-All the above

Correct Answer:- Option-D