

PROVISIONAL ANSWER KEY

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Question1:-Which of the following states of India has the longest coast line?

- A:-Andra Pradesh
- B:-Maharastra
- C:-Odisha
- D:-West Bengal

Correct Answer:- Option-A

Question2:-The largest river in India

- A:-Yamuna
- B:-Brahmaputra
- C:-Ganga
- D:-Sindhu

Correct Answer:- Option-C

Question3:-The first bullet train project of India connects

- A:-Mumbai-Pune
- B:-Ahmedabad-Mumbai
- C:-Delhi-Patna
- D:-Delhi-Amritsar

Correct Answer:- Option-B

Question4:-Kerala State Law Reform Commission Chairman

- A:-Dr. N.K. Jayakumar
- B:-Sasidharan Nair
- C:-Adv. M.K. Damodaran
- D:-Justice K.T. Thomas

Correct Answer:- Option-D

Question5:-Azad Hind Fauj was founded by

- A:-Rash Behari Bose
- B:-Subash Chandra Bose
- C:-Liaqat Ali
- D:-Maulana Azad

Correct Answer:- Option-B

Question6:-Who was regarded as the father of Indian unrest?

- A:-Mahatma Gandhi
- B:-Subash Chandra Bose
- C:-Bal Gangadhar Tilak
- D:-Mohammed Ali Jinna

Correct Answer:- Option-C

Question7:-Who is the newly elected Chief Minister of Goa?

- A:-Manohar Pareekar
- B:-Beeran Singh
- C:-Amareendar Singh
- D:-Trivendra Singh Ravath

Correct Answer:- Option-A

Question8:-Who is the author of the Book 'India Wins Freedom'?

- A:-Indira Gandhi
- B:-Jawaharlal Nehru
- C:-Gopalakrishna Gokhale
- D:-Maulana Abul Kalam Azad

Correct Answer:- Option-D

Question9:-Dr. Abdul Kalam island is situated in the coast of

A:-West Bengal

B:-Odisha

C:-Gujarat

D:-Tamilnadu

Correct Answer:- Option-B

Question10:-The heroin of Quit India Movement

A:-Sarojini Naidu

B:-Beegam Hazrath Mahal

C:-Aruna Asafali

D:-Sujetha Kripalani

Correct Answer:- Option-C

Question11:-Who is the second vice-chairman of NITI Aayog?

A:-Dr. Rajiv Kumar

B:-Aravind Panagaria

C:-Dr. Bibek Debroy

D:-Dr. Bimal Jalan

Correct Answer:- Option-A

Question12:-Who was the leader of Paik Rebellion of 1817?

A:-Rani Laksmibhai

B:-Bakshi Jagabandhu

C:-Asadulla Khan

D:-Tanthiya Topi

Correct Answer:- Option-B

Question13:-"Katora Kudaram" a notable work of

A:-Vikam Mohammed Basheer

B:-Dr. C.K. Kareem

C:-Makthi Thangal

D:-Ali Musliar

Correct Answer:- Option-C

Question14:-The leader of Ezhava Memorial of 1896

A:-Ayyankali

B:-Dr. Vasudev

C:-K. Kelappan

D:-Dr. Palpu

Correct Answer:- Option-D

Question15:-The king who proclaimed Temple entry

A:-Ayillyam Thirunna

B:-Swathi Thirunna

C:-Sremulam Thirunna

D:-Sree Chithira Thirunna

Correct Answer:- Option-D

Question16:-The Swach Bharath Abhiyan announced the cleanest city in India in 2017 is

A:-Indore

B:-Mysore

C:-Mumbai

D:-Chandigarh

Correct Answer:- Option-A

Question17:-Oscar Award for the Best film for the year 2017

A:-The Jungle Book

B:-Moon Light

C:-The Salesman

D:-La La Land

Correct Answer:- Option-B

Question18:-The founder of "Sadhu Jana Paripalana Yogam"

A:-Sree Narayana Guru

B:-Vakkam Abdul Khadar Maulavi

C:-Ayyankali

D:-Sahodaran Ayyappan

Correct Answer:- Option-C

Question19:-The first Governor of Reserve Bank of India

- A:-James Braid Taylor
 - B:-Dr. Man Mohan Singh
 - C:-Bimal Jalan
 - D:-Osborne Smith
- Correct Answer:- Option-D

Question20:-Silent Valley National Park situates in the district of

- A:-Palakkad
 - B:-Wynad
 - C:-Edukki
 - D:-Pathanamthitta
- Correct Answer:- Option-A

Question21:-1 mm increase in axial length of eye produces myopia of

- A:-3 Diopter
 - B:-6 Diopter
 - C:-1 Diopter
 - D:-4.5 Diopter
- Correct Answer:- Option-A

Question22:-Newborn eyes are usually

- A:-Myopic
 - B:-Hypermetropic
 - C:-Emmetropic
 - D:-Astigmatic
- Correct Answer:- Option-B

Question23:-Senile nuclear cataract produces

- A:-Index myopia
 - B:-Index hypermetropia
 - C:-Curvature myopia
 - D:-Curvature hypermetropia
- Correct Answer:- Option-A

Question24:-All the following drugs are cycloplegics EXCEPT

- A:-Atropine
 - B:-Cyclopentolate
 - C:-Homatropine
 - D:-Pilocarpine
- Correct Answer:- Option-D

Question25:-All the following are true about Rigid Gas Permeable lenses EXCEPT

- A:-Provides sharp vision
 - B:-Require adaptation
 - C:-Poor oxygen delivery
 - D:-Associated with minimal deposits
- Correct Answer:- Option-C

Question26:-High index lenses have a refractive index of about

- A:-1.56-1.67
 - B:-1.42-1.52
 - C:-1.84-1.88
 - D:-1.38-1.40
- Correct Answer:- Option-A

Question27:-Refractive index of crown glass

- A:-1.67
 - B:-1.52
 - C:-1.73
 - D:-1.58
- Correct Answer:- Option-B

Question28:-The handle of cross cylinder is at an angle of _____ degrees to both axes.

- A:-45 degrees
- B:-90 degrees
- C:-30 degrees
- D:-60 degrees

Correct Answer:- Option-A

Question29:-Soft contact lenses are made of

A:-Polymethyl methacrylate (PMMA)

B:-Silicone

C:-Cellulose acetate butyrate

D:-Hydroxy ethylmethacrylate (HEMA)

Correct Answer:- Option-D

Question30:-Binocular diplopia is seen in

A:-Paralytic squint

B:-Concomitant squint

C:-Cataract

D:-Subluxation of lens

Correct Answer:- Option-A

Question31:-Visual acuity of 6/60 is equivalent to Log MAR

A:-+0.5

B:-+0.1

C:-+1

D:-+0.6

Correct Answer:- Option-C

Question32:-Superior extent of the visual field is

A:-90 degrees

B:-60 degrees

C:-80 degrees

D:-50 degrees

Correct Answer:- Option-B

Question33:-Pelli Robson chart is used to assess

A:-Visual acuity in children

B:-Colour vision

C:-Contrast sensitivity

D:-Dark adaptation

Correct Answer:- Option-C

Question34:-In acute angle closure glaucoma, the anterior chamber is

A:-shallow

B:-Deep

C:-Normal

D:-Irregular

Correct Answer:- Option-A

Question35:-Instrument used to assess the angle of Anterior Chamber

A:-90 D lens

B:-Gonioscope

C:-Hruby lens

D:-20 D lens

Correct Answer:- Option-B

Question36:-All of the following are true of applanation tonometry EXCEPT

A:-Based on Imbert Fick Principle

B:-More accurate than Schiötz

C:-Flattens an area of 3.06 mm diameter

D:-Less accurate than Schiötz

Correct Answer:- Option-D

Question37:-Primary action of superior oblique muscle is

A:-Elevation

B:-Depressive

C:-Intorsion

D:-Adduction

Correct Answer:- Option-C

Question38:-Radius of curvature of the posterior surface of lens

A:-10 mm

B:-6 mm

C:-12 mm

D:-4 mm

Correct Answer:- Option-B

Question39:-Bending of light as it passes along the edge of an object

A:-Spherical aberration

B:-Diffraction

C:-Chromatic aberration

D:-Decentration

Correct Answer:- Option-B

Question40:-Amount of hypermetropia normally corrected by the inherent tone of ciliary muscle

A:-Facultative

B:-Manifest

C:-Latent

D:-Absolute

Correct Answer:- Option-C

Question41:-Normal depth of anterior chamber is

A:-5 mm

B:-4.5 mm

C:-2.5 mm

D:-1 mm

Correct Answer:- Option-C

Question42:-The amplitude of accommodation at the age of 10 years

A:-3 Diopter

B:-14 Diopter

C:-10 Diopter

D:-5 Diopter

Correct Answer:- Option-B

Question43:-All the following signs are usually associated with myopia EXCEPT

A:-Large eyeball

B:-Deep anterior chamber

C:-Esophoria

D:-Exophoria

Correct Answer:- Option-C

Question44:-Astigmatism in which the two principal meridians are not at right angles to each other?

A:-Oblique astigmatism

B:-Regular astigmatism with the rule

C:-Irregular astigmatism

D:-Bi oblique astigmatism

Correct Answer:- Option-D

Question45:-All the following are features of aphakia EXCEPT

A:-Deep anterior chamber

B:-Iridodonesis

C:-Jet black pupil

D:-Shallow anterior chamber

Correct Answer:- Option-D

Question46:-Image magnification with aphakic spectacle lens is

A:-10%

B:-30%

C:-5%

D:-8%

Correct Answer:- Option-B

Question47:-Large corneal scar usually produces

A:-Irregular astigmatism

B:-Bi oblique astigmatism

C:-Oblique astigmatism

D:-Regular astigmatism against the rule

Correct Answer:- Option-A

Question48:-All the following are true of pterygium EXCEPT

A:-Occurs more commonly in elderly people doing outdoor work

B:-Seen in the interpalpebral exposed areas

C:-Never progresses

D:-Seen as a triangular fold of conjunctiva loosely adherent to sclera

Correct Answer:- Option-C

Question49:-Lateral rectus muscle is supplied by

A:-Third cranial nerve

B:-Fourth cranial nerve

C:-Second cranial nerve

D:-Sixth cranial nerve

Correct Answer:- Option-D

Question50:-Convergence weakness produces

A:-Exophoria greater for near

B:-Esophoria greater for near

C:-Exophoria greater for distance

D:-Esophoria greater for distance

Correct Answer:- Option-A

Question51:-Most common childhood intraocular malignant tumour

A:-Malignant melanoma

B:-Retinoblastoma

C:-Lymphoma

D:-Hemangioma

Correct Answer:- Option-B

Question52:-National programme for control of blindness was launched in the year

A:-1983

B:-1990

C:-1976

D:-1996

Correct Answer:- Option-C

Question53:-Maddox wing is used for

A:-Subjective testing of phoria for near

B:-Subjective testing of phoria for distance

C:-Detecting suppression

D:-Testing stereopsis

Correct Answer:- Option-A

Question54:-Occlusion or patching of better eye is the mainstay of treatment for

A:-Anomalous retinal correspondence

B:-Suppression

C:-Eccentric fixation

D:-Amblyopia

Correct Answer:- Option-D

Question55:-In Duochrome test, if the patient appreciates red better than green, it indicates correction is

A:-Hypermetropic

B:-Myopic

C:-Emmetropic

D:-Astigmatic

Correct Answer:- Option-B

Question56:-When retinoscopy is done at 1 metre distance and there is no movement of red reflex, it indicates

A:-Hypermetropia of 1 Diopter

B:-Myopia >1 Diopter

C:-Myopia of 1 Diopter

D:-Hypermetropia >1 Diopter

Correct Answer:- Option-C

Question57:-Dendritic corneal ulcer is caused by

A:-Pneumococcus

B:-Staphylococcus

C:-Fusarium

D:-Herpes simplex virus

Correct Answer:- Option-D

Question58:-Corneal curvature is measured by

A:-Keratometry

B:-A scan
C:-Pachymetry
D:-Specular microscopy
Correct Answer:- Option-A

Question59:-If the visual acuity improves with pinhole, the cause of defective vision is

A:-Cataract
B:-Refractive error
C:-Macular degeneration
D:-Corneal opacity

Correct Answer:- Option-B

Question60:-Which is true about aphakic glasses?

A:-Image magnification of 80%
B:-Best method to correct aphakia
C:-Produces spherical aberrations causing pin cushion distortion
D:-Wider field of vision

Correct Answer:- Option-C

Question61:-Which of the following is not a contraindication for use of donor cornea?

A:-Rabies
B:-HIV
C:-Myopia
D:-Death from unknown cause

Correct Answer:- Option-C

Question62:-On cover-uncover test, if there is inward movement of eye under cover, it indicates

A:-Exophoria
B:-Esophoria
C:-Orthophoria
D:-Esotropia

Correct Answer:- Option-A

Question63:-In worth's four dot test, if the patient sees only two red lights, indicates

A:-Diplopia
B:-Abnormal retinal correspondence
C:-Normal binocular vision
D:-Left eye suppression

Correct Answer:- Option-D

Question64:-In Schirmer's 1 test, if the wetting is between 5 and 10 mm, it indicates

A:-Severe dry eye
B:-Normal
C:-Moderate dry eye
D:-Mild dry eye

Correct Answer:- Option-C

Question65:-Corneal thickness is measured by

A:-Placidos disc
B:-Pachymeter
C:-A scan
D:-90 D lens

Correct Answer:- Option-B

Question66:-Mydriatic cycloplegic drug is indicated in which of the following condition?

A:-Acute iridocyclitis
B:-Acute conjunctivitis
C:-Acute congestive glaucoma
D:-Episcleritis

Correct Answer:- Option-A

Question67:-Which of the following is an ocular emergency?

A:-Cataract
B:-Viral conjunctivitis
C:-Open angle glaucoma
D:-Acute congestive glaucoma

Correct Answer:- Option-D

Question68:-Unit of measurement of convergence

- A:-Diopter
- B:-Metre angle
- C:-Millimeter
- D:-Degrees

Correct Answer:- Option-B

Question69:-Snowflake cataract is seen in

- A:-Trauma
- B:-Steroid use
- C:-Hyperparathyroidism
- D:-Diabetes

Correct Answer:- Option-D

Question70:-One predisposing factor for hordeolum externum

- A:-Hypertension
- B:-Uncorrected refractive error
- C:-Ptosis
- D:-Proptosis

Correct Answer:- Option-B

Question71:-Vertex power of spectacle lens is measured by

- A:-Optical pachymeter
- B:-Specular microscope
- C:-Hruby lens
- D:-Lensometer

Correct Answer:- Option-D

Question72:-All the following are features of Vitamin A deficiency EXCEPT

- A:-Night blindness
- B:-Bitots spots
- C:-Phlycten
- D:-Keratomalacia

Correct Answer:- Option-C

Question73:-Keratometer is useful for all the following conditions EXCEPT

- A:-Measure the radius of curvature of anterior surface of cornea
- B:-IOL power calculation
- C:-Measurement of corneal astigmatic error
- D:-Measurement of corneal endothelial cell count

Correct Answer:- Option-D

Question74:-Darkening of lens on exposure to UV rays in photochromic lenses is due to disintegration of

- A:-Aluminium phosphate
- B:-Silver Halide
- C:-Borosilicate
- D:-Polycarbonate

Correct Answer:- Option-B

Question75:-Instrument used to assess peripheral retina

- A:-90 dioptre lens
- B:-Direct ophthalmoscope
- C:-Optical coherence tomograph
- D:-Indirect ophthalmoscopy

Correct Answer:- Option-D

Question76:-All the following condition can cause coloured haloes EXCEPT

- A:-Cataract
- B:-Acute narrow angle glaucoma
- C:-Episcleritis
- D:-Mucopurulent conjunctivitis

Correct Answer:- Option-C

Question77:-Instrument used to predict the visual acuity following cataract surgery

- A:-Potential acuity meter
- B:-Arden gratings
- C:-Pelli Robson chart
- D:-Vistech chart

Correct Answer:- Option-A

Question78:-Commonest cause of bilateral proptosis

- A:-Orbital tumours
 - B:-Orbital cellulitis
 - C:-Thyroid ophthalmopathy
 - D:-Orbital hemorrhage
- Correct Answer:- Option-C

Question79:-Which of the following is a feature of concave lens?

- A:-Object moves in the same direction as the lens
 - B:-Object moves in the opposite direction of the lens
 - C:-Object appears magnified
 - D:-Distortion of image when lens is rotated
- Correct Answer:- Option-A

Question80:-Which of the following tonometry is not based on applanation?

- A:-Air puff tonometer
 - B:-Schiotz tonometer
 - C:-Tonopen
 - D:-Noncontact tonometers
- Correct Answer:- Option-B

Question81:-Which dye is used for identifying corneal epithelial defect?

- A:-Indocyanine green
 - B:-Fluorescein
 - C:-Rose Bengal
 - D:-Trypan Blue
- Correct Answer:- Option-B

Question82:-Which laser is used for treating after cataract?

- A:-Nd YAG laser
 - B:-Argon laser
 - C:-Diode laser
 - D:-Ruby laser
- Correct Answer:- Option-A

Question83:-Roving ring scotoma is seen in

- A:-Pseudophakia
 - B:-High myopia
 - C:-Glaucoma
 - D:-Aphakia corrected with spectacles
- Correct Answer:- Option-D

Question84:-SAFE (Surgery, Antibiotics, Face washing, Environment) strategy is for control of

- A:-Glaucoma
 - B:-Dacryocystitis
 - C:-Trachoma
 - D:-Corneal ulcer
- Correct Answer:- Option-C

Question85:-All are used to check visual acuity in children EXCEPT

- A:-VEP
 - B:-Perimetry
 - C:-Cardiff acuity cards
 - D:-Teller acuity cards
- Correct Answer:- Option-B

Question86:-All are features of concomitant squint EXCEPT

- A:-No diplopia
 - B:-Primary deviation equals secondary deviation
 - C:-Abnormal head posture
 - D:-No restriction of ocular movements
- Correct Answer:- Option-C

Question87:-Amblyopia in children is most commonly caused by

- A:-Hypermetropia
- B:-Astigmatism
- C:-Myopia
- D:-Congenital cataract

Correct Answer:- Option-A

Question88:-Most common organism causing corneal ulcer in contact lens wearers?

- A:-Pneumococci
- B:-Staphylococci
- C:-Fusarium
- D:-Pseudomonas

Correct Answer:- Option-D

Question89:-Magnification obtained with a direct ophthalmoscope

- A:-10 times
- B:-20 times
- C:-5 times
- D:-15 times

Correct Answer:- Option-D

Question90:-Rhegmatogenous retinal detachment is a complication associated with which refractive error?

- A:-Myopia
- B:-Hypermetropia
- C:-Astigmatism
- D:-Presbyopia

Correct Answer:- Option-A

Question91:-Following are the target diseases identified for vision 2020 in India EXCEPT

- A:-Cataract
- B:-Onchocerciasis
- C:-Childhood blindness
- D:-Glaucoma

Correct Answer:- Option-B

Question92:-Linen, dressings and metallic instruments are generally sterilized by

- A:-Autoclave
- B:-Hot-air oven
- C:-Ethylene oxide
- D:-Chemical sterilization

Correct Answer:- Option-A

Question93:-The far point is beyond infinity or behind the eye in

- A:-Myopia
- B:-Astigmatism
- C:-Presbyopia
- D:-Hypermetropia

Correct Answer:- Option-D

Question94:-Most common cause of low vision in children?

- A:-Cataract
- B:-Corneal opacity
- C:-Refractive error
- D:-Strabismus

Correct Answer:- Option-C

Question95:-Which is not true of congenital esotropia?

- A:-Occurs before 6 months of age
- B:-Large angle of deviation
- C:-Associated with cross fixation
- D:-Associated with high hypermetropia

Correct Answer:- Option-D

Question96:-The normal AC/A ratio per diopter of accommodation is

- A:-6-10 prism diopters
- B:-3-5 prism diopters
- C:-1-2 prism diopters
- D:-12-15 prism diopters

Correct Answer:- Option-B

Question97:-Which of the following conditions produce sudden loss of vision?

- A:-Central retinal artery occlusion
- B:-Primary open angle glaucoma
- C:-Cataract

D:-Retinitis pigmentosa

Correct Answer:- Option-A

Question98:-In which of the following conditions is topical steroids indicated?

A:-Acute bacterial conjunctivitis

B:-Allergic conjunctivitis

C:-Corneal ulcer

D:-Acute dacryocystitis

Correct Answer:- Option-B

Question99:-Which of the following is not true about direct ophthalmoscopy?

A:-Unocular procedure

B:-Image magnified 15 times

C:-Image is real and inverted

D:-Central fundus up to equator is seen

Correct Answer:- Option-C

Question100:-Which is true about pterygium?

A:-Is a degenerative condition

B:-Probe cannot be passed beneath it

C:-Always stationary

D:-Follows exposure to ultraviolet rays or dust

Correct Answer:- Option-C