

1. Which of the following states of India has the longest coast line?

- A) Andhra Pradesh
- B) Maharashtra
- C) Odisha
- D) West Bengal

2. The largest river in India

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

3. The first bullet train project of India connects

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

4. Kerala State Law Reform Commission Chairman

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

5. Azad Hind Fauj was founded by

- A) Rash Behari Bose
- B) Subash Chandra Bose
- C) Liaquat Ali
- D) Maulana Azad

6. Who was regarded as the

father of Indian unrest?

- A) Mahatma Gandhi
- B) Subash Chandra Bose
- C) Bal Gangadhar Tilak
- D) Mohammed Ali Jinnah

7. Who is the newly elected Chief Minister of Goa?

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

8. Who is the author of the Book 'India Wins Freedom'?

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

9. Dr. Abdul Kalam island is situated in the coast of

- A) West Bengal
- B) Odisha
- C) Gujarat
- D) Tamilnadu

10. The heroine of Quit India Movement

- A) Sarojini Naidu
- B) Beegam Hazrath Mahal
- C) Aruna Asafali
- D) Sujatha Kripalani

11. Who is the second vice-chairman of NITI Aayog?

- A) Dr. Rajiv Kumar
- B) Aravind Panagaria
- C) Dr. Bibek Debroy
- D) Dr. Bimal Jalan

12. Who was the leader of Paik Rebellion of 1817?

- A) Rani Laksmibhai
- B) Bakshi Jagabandhu
- C) Asadulla Khan
- D) Tanthiya Topi

13. "Katora Kudaram" a notable work of

- A) Vikram Mohammed Basheer
- B) Dr. C.K. Kareem
- C) Makthi Thangal
- D) Ali Musliar

14. The leader of Ezhava Memorial of 1896

- A) Ayyankali
- B) Dr. Vasudev
- C) K. Kelappan
- D) Dr. Palpu

15. The king who proclaimed Temple entry

- A) Ayillyam Thirunnaal
- B) Swathi Thirunnaal
- C) Sremulam Thirunnaal
- D) Sree Chithira Thirunnaal

16. The Swach Bharath Abhiyan announced the cleanest city in India in 2017 is

- A)Indore
- B)Mysore
- C)Mumbai
- D)Chandigarh

17.Oscar Award for the Best film for the year 2017

- A)The Jungle Book
- B)Moon Light
- C)The Salesman
- D)La La Land

18.The founder of "Sadhu Jana Paripalana Yogam"

- A)Sree Narayana Guru
- B)Vakkam Abdul Khadar Maulavi
- C)Ayyankali
- D)Sahodaran Ayyappan

19.The first Governor of Reserve Bank of India

- A)James Braid Taylor
- B)Dr. Man Mohan Singh
- C)Bimal Jalan
- D)Osborne Smith

20.Silent Valley National Park situates in the district of

- A)Palakkad
- B)Wynad
- C)Edukki
- D)Pathanamthitta

21.1 mm increase in axial length of eye produces myopia of

- A)3 Diopter

- B)6 Diopter
- C)1 Diopter
- D)4.5 Diopter

22.Newborn eyes are usually

- A)Myopic
- B)Hypermetropic
- C)Emmetropic
- D)Astigmatic

23.Senile nuclear cataract produces

- A)Index myopia
- B)Index hypermetropia
- C)Curvature myopia
- D)Curvature hypermetropia

24.All the following drugs are cycloplegics EXCEPT

- A)Atropine
- B)Cyclopentolate
- C)Homatropine
- D)Pilocarpine

25.All the following are true about Rigid Gear Permeable lenses EXCEPT

- A)Provides sharp vision
- B)Require adaptation
- C)Poor oxygen delivery
- D)Associated with minimal deposits

26.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

27.Refractive index of crown glass

- A)1.67
- B)1.52
- C)1.73
- D)1.58

28.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

29.Soft contact lenses are made of

- A)Polymethyl methacrylate (PMMA)
- B>Silicone
- C)Cellulose acetate butyrate
- D)Hydroxy ethylmethacrylate (HEMA)

30.Binocular diplopia is seen in

- A)Paralytic squint
- B)Concomitant squint
- C)Cataract
- D)Subluxation of lens

31.Visual acuity of 6/60 is equivalent to Log MAR

- A)+0.5
B)+0.1
C)+1
D)+0.6
- 32. Superior extent of the visual field is**
A)90 degrees
B)60 degrees
C)80 degrees
D)50 degrees
- 33. Pelli Robson chart is used to assess**
A)Visual acuity in children
B)Colour vision
C)Contrast sensitivity
D)Dark adaptation
- 34. In acute angle closure glaucoma, the anterior chamber is**
A)shallow
B)Deep
C)Normal
D)Irregular
- 35. Instrument used to assess the angle of Anterior Chamber**
A)90 D lens
B)Gonioscope
C)Hruby lens
D)20 D lens
- 36. All of the following are true of applanation tonometry EXCEPT**
A)Based on Imbert Fick Principle
B)More accurate than Schiøtz
C)Flattens an area of 3.06 mm diameter
D)Less accurate than Schiøtz
- 37. Primary action of superior oblique muscle is**
A)Elevation
B)Depressive
C)Intorsion
D>Adduction
- 38. Radius of curvature of the posterior surface of lens**
A)10 mm
B)6 mm
C)12 mm
D)4 mm
- 39. Bending of light as it passes along the edge of an object**
A)Spherical aberration
B)Diffraction
C)Chromatic aberration
D)Decentration
- 40. Amount of hypermetropia normally corrected by the inherent tone of ciliary muscle**
A)Facultative
B)Manifest
C)Latent
D)Absolute
- 41. Normal depth of anterior chamber is**
A)5 mm
B)4.5 mm
C)2.5 mm
D)1 mm
- 42. The amplitude of accommodation at the age of 10 years**
A)3 Diopter
B)14 Diopter
C)10 Diopter
D)5 Diopter
- 43. All the following signs are usually associated with myopia EXCEPT**
A)Large eyeball
B)Deep anterior chamber
C)Esophoria
D)Exophoria
- 44. 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
- 45. All the following are features of aphakia EXCEPT**
A)Deep anterior chamber
B)Iridodonesis
C)Jet black pupil
D)Shallow anterior chamber
- 46. Image magnification with aphakic spectacle lens is**
A)10%
B)30%
C)5%
D)8%
- 47. Large corneal scar usually produces**
A)Irregular astigmatism
B)Bi oblique astigmatism
C)Oblique astigmatism
D)Regular astigmatism against the rule
- 48. 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
- 49. Lateral rectus muscle is supplied by**
A)Third cranial nerve
B)Fourth cranial nerve
C)Second cranial nerve
D)Sixth cranial nerve
- 50. Convergence weakness produces**
A)Exophoria greater for near
B)Esophoria greater for near
C)Exophoria greater for distance
D)Esophoria greater for distance
- 51. Most common childhood intraocular malignant tumour**
A)Malignant melanoma
B)Retinoblastoma
C)Lymphoma
D)Hemangioma
- 52. National programme for control of blindness was launched in the year**
A)1983
B)1990
C)1976
D)1996
- 53. 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
- 54. Occlusion or patching of better eye is the mainstay of treatment for**
A)Anomalous retinal correspondence
B)Suppression
C)Eccentric fixation
D)Amblyopia
- 55. In Duochrome test, if the patient appreciates red better than green, it indicates correction is**
A)Hypermetropic
B)Myopic
C)Emmetropic
D)Astigmatic
- 56. 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
- 57. Dendritic corneal ulcer is caused by**
A)Pneumococcus
B)Staphylococcus
C>Fusarium
D)Herpes simplex virus
- 58. Corneal curvature is measured by**
A)Keratometry
B)A scan
C)Pachymetry
D)Specular microscopy
- 59. If the visual acuity improves with pinhole, the cause of defective vision is**
A)Cataract
B)Refractive error
C)Macular degeneration
D)Corneal opacity
- 60. 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
- 61. Which of the following is not a contraindication for use of donor cornea?**
A)Rabies
B)HIV
C)Myopia
D)Death from unknown cause
- 62. On cover-uncover test, if there is inward movement of eye under cover, it indicates**
A)Exophoria
B)Esophoria
C)Orthophoria
D)Esotropia
- 63. 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
- 64. 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
- 65. Corneal thickness is measured by**
A)Placidos disc
B)Pachymeter
C)A scan
D)90 D lens
- 66. Mydriatic cycloplegic drug is indicated in which of the following condition?**
A)Acute iridocyclitis
B)Acute conjunctivitis
C)Acute congestive glaucoma
D)Episcleritis
- 67. Which of the following is an ocular emergency?**
A)Cataract
B)Viral conjunctivitis
C)Open angle glaucoma
D)Acute congestive glaucoma
- 68. Unit of measurement of convergence**
A)Diopter

- B) Metre angle
- C) Millimeter
- D) Degrees

69. Snowflake cataract is seen in

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

70. One predisposing factor for hordeolum externum

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

71. Vertex power of spectacle lens is measured by

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

72. All the following are features of Vitamin A deficiency EXCEPT

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

73. 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

74. 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

75. Instrument used to assess peripheral retina

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

76. All the following condition can cause coloured haloes EXCEPT

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

77. Instrument used to predict the visual acuity following cataract surgery

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

78. Commonest cause of bilateral proptosis

- A) Orbital tumours
- B) Orbital cellulitis
- C) Thyroid ophthalmopathy
- D) Orbital hemorrhage

79. 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

80. Which of the following tonometry is not based on applanation?

- A) Air puff tonometer
- B) Schiottz tonometer
- C) Tonopen

D) Noncontact tonometers

81. Which dye is used for identifying corneal epithelial defect?

- A) Indocyanine green
- B) Fluorescein
- C) Rose Bengal
- D) Trypan Blue

82. Which laser is used for treating after cataract?

- A) Nd YAG laser
- B) Argon laser
- C) Diode laser
- D) Ruby laser

83. Roving ring scotoma is seen in

- A) Pseudophakia
- B) High myopia
- C) Glaucoma
- D) Aphakia corrected with spectacles

84. SAFE (Surgery, Antibiotics, Face washing, Environment) strategy is for control of

- A) Glaucoma
- B) Dacryocystitis
- C) Trachoma
- D) Corneal ulcer

85. All are used to check visual acuity in children EXCEPT

- A) VEP
- B) Perimetry
- C) Cardiff acuity cards
- D) Teller acuity cards

86. 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

87. Amblyopia in children is most commonly caused by

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

88. Most common organism causing corneal ulcer in contact lens wearers?

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

89. Magnification obtained with a direct ophthalmoscope

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

90. Rhegmatogenous retinal detachment is a complication associated with which refractive error?

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

91. Following are the target diseases identified for vision 2020 in India EXCEPT

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

92. Linen, dressings and metallic instruments are generally sterilized by

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

93. The far point is beyond infinity or behind the eye in

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

94. Most common cause of low vision in children?

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

95. 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

96. 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

97. 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

98. In which of the following conditions is topical steroids indicated?

- A) Acute bacterial conjunctivitis
- B) Allergic conjunctivitis
- C) Corneal ulcer
- D) Acute dacryocystitis

99. Which of the following is not true about direct ophthalmoscopy?

- A) Uniocular procedure
- B) Image magnified 15 times
- C) Image is real and inverted
- D) Central fundus up to equator is seen

100. Which is true about pseudopterygium?

- A) Is a degenerative condition
- B) Probe cannot be passed beneath it
- C) Always stationary
- D) Follows exposure to ultraviolet rays or dust