

# Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - --Ocular Anatomy

Course Code - BOPT0201

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8. \*

*Mark only one oval.*

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Answer all the questions. Each question carry one mark.

9. 1. Development of optic nerve takes place in \_\_\_\_\_ \*

*Mark only one oval.*

- 5th Week
- 7th Week
- 9th Week
- 11th Week

10. 2. Sclera is covered by \*

*Mark only one oval.*

- Palpebral conjunctiva
- Bulbar conjunctiva
- Palpebral epidermis
- None of them

11. 3. Which one is not the opening of the orbital cavity? \*

*Mark only one oval.*

- Optic Canal
- Superior orbital fissure
- Inferior orbital fissure
- Lacrimal groove

12. 4. How many bones are present in orbit? \*

*Mark only one oval.*

- Option 1
- 6
- 7
- 9

13. 5. Walls of the orbital cavity are lined with \_\_\_\_\_.\*

*Mark only one oval.*

- Zygomatic Bone
- Palatine Bone
- Periosteum
- Maxilla

14. 6. Which one is the first branch of ophthalmic artery ? \*

*Mark only one oval.*

- Lacrimal artery
- Central retinal artery
- Ciliary artery
- None of them

15. 7. Major arterial circle of iris is formed by \*

*Mark only one oval.*

- Long posterior ciliary artery
- Anterior ciliary artery
- Both a & b
- None of them

16. 8. The anastomotic ring covers the optic nerve is known as \_\_\_\_\_ \*

*Mark only one oval.*

- Circle of pia matter
- Ring of Zinn
- Anulus of Zinn
- None of them

17. 9. Radius of curvature of the anterior surface of the cornea is \*

*Mark only one oval.*

- 6.5 mm
- 7.0 mm
- 7.8
- 8.6 mm

18. 10. Corneal thickness at the periphery is \*

*Mark only one oval.*

- 0.5-0.6 mm
- 0.7-0.8 mm
- 0.8-1.2 mm
- None of them

19. 11. Keratocytes are found in \_\_\_\_\_.\*

*Mark only one oval.*

- Corneal Epithelium
- Corneal Stroma
- Corneal Endothelium
- None of them

20. 12. Horizontal diameter of Palpebral Aperture is \_\_\_\_\_.\*

*Mark only one oval.*

- 20 - 25 mm
- 28 - 30 mm
- 11 - 12 mm
- None of them

21. 13. \_\_\_\_\_ cells play a major role in controlling the normal hydration of cornea.\*

*Mark only one oval.*

- Epithelium
- Stroma
- Endothelium
- None of them



22. 14. Cornea is \_\_\_\_\_ \*

*Mark only one oval.*

- Highly vascular
- Vascular
- Avascular
- None of them

23. 15. Dua's layer present in between --- \*

*Mark only one oval.*

- Epithelium and Bowman's layer
- Descemet's and endothelium
- Stroma and Descemet's
- Bowman's and Stroma

24. 16. Volume of the eye ball is \_\_\_\_\_ . \*

*Mark only one oval.*

- 6.00 ml
- 6.5 ml
- 7.5 ml
- None of them

25. 17. Which muscle helps to open the upper eye lid ? \*

*Mark only one oval.*

- Orbicularis Oculi
- Levator palpebrae superioris
- Muller's
- None of them

26. 18. Levator palpebrae superioris muscle is supplied by \*

*Mark only one oval.*

- 3rd Cranial Nerve
- 4th Cranial Nerve
- 6th Cranial Nerve
- None of them

27. 19. Meibomian glans are present in \_\_\_\_\_ \*

*Mark only one oval.*

- Eye lids
- Conjunctiva
- Cornea
- Orbit

28. 20. Tarsal plate is present in \_\_\_\_\_ \*

*Mark only one oval.*

- Eye lids
- Conjunctiva
- Cornea
- Orbit

29. 21. Accessory lacrimal gland is \_\_\_\_\_ \*

*Mark only one oval.*

- Meibomian Gland
- Gland of Zeis
- Sweat Gland
- None of them

30. 22. Which one is the secretory portion in Lacrimal Apparatus ? \*

*Mark only one oval.*

- Meibomian Gland
- Gland of Zeis
- Sweat Gland
- Lacrimal Gland

31. 23. Valve of Hasner is present in \_\_\_\_\_ \*

*Mark only one oval.*

- Naso Lacrimal Sac
- Lacrimal Canaliculi
- Naso Lacrimal Duct
- None of them

32. 24. Lacrimal apparatus helps in \_\_\_\_\_ . \*

*Mark only one oval.*

- Drainage
- Secretion
- Both a & b
- None of them

33. 25. Conjunctiva covers the Sclera is known as \_\_\_\_\_ . \*

*Mark only one oval.*

- Bulbar conjunctiva
- Palpebral conjunctiva
- Conjunctival fornices
- None of them

34. 26. Tarsal plate is attached to \*

*Mark only one oval.*

- Bulbar conjunctiva
- Palpebral conjunctiva
- Conjunctival fornices
- None of them

35. 27. Which cells secrete mucus in conjunctiva? \*

*Mark only one oval.*

- Goblet cells
- Keratocyte cells
- Squamous cells
- None of them

36. 28. Thickness at corneoscleral junction is \_\_\_\_\_.\*

*Mark only one oval.*

- 0.6
- 0.8
- 0.7
- 1

37. 29. Sclera is supplied by \_\_\_\_\_ nerve. \*

*Mark only one oval.*

- Oculomotor nerve
- Ciliary nerve
- Trochlear nerve
- None of them

38. 30. Uveal tract is composed of \_\_\_\_\_ \*

*Mark only one oval.*

- Iris, Ciliary body and Choroid
- Cornea, Ciliary and Choroid
- Cornea, Sclera and Choroid
- None of them

39. 31. Average diameter of the Iris is \_\_\_\_\_ \*

*Mark only one oval.*

- 9-10 mm
- 10-11 mm
- 11-12 mm
- 12-13 mm

40. 32. Fuchs's crypts are seen in \_\_\_\_\_.\*

*Mark only one oval.*

- Pupillary Zone
- Ciliary Zone
- Both a&b
- None of them

41. 33. Heterochromia of iris means \_\_\_\_\_.\*

*Mark only one oval.*

- Difference of colour in Iris
- Difference of colour in Cornea
- Difference of colour in Sclera
- None of them

42. 34. Constriction of pupil is caused by \_\_\_\_\_.\*

*Mark only one oval.*

- Sphincter pupillae muscle
- Dilator pupillae muscle
- Both a&b
- None of them

43. 35. Finger like processes in Ciliary Body is known as \_\_\_\_\_.\*

*Mark only one oval.*

- Pars Plana
- Pars plicata
- Both a&b
- None of them

44. 36. The region between two ciliary process is known as \_\_\_\_\_.\*

*Mark only one oval.*

- Valleys of Kuhnt
- Valleys of Henleys
- Zonules
- None of them

45. 37. \_\_\_\_\_ helps to increase the refractive power of the lens.\*

*Mark only one oval.*

- Zonules
- Fibers
- Both a&b
- None of them



46. 38. Thickness of the choroid in Macula is \_\_\_\_\_.\*

*Mark only one oval.*

- 100-200  $\mu\text{m}$
- 500-1000  $\mu\text{m}$
- 1000-1500  $\mu\text{m}$
- None of them

47. 39. Outer blood-retina barrier is present in \_\_\_\_\_.\*

*Mark only one oval.*

- Iris
- Ciliary body
- Choroid
- None of them

48. 40. Retinal pigment epithelium is the continuation of -.\*

*Mark only one oval.*

- Pigmented epithelium of ciliary body
- Non-pigmented epithelium of ciliary body
- Both a & b
- None of them

49. 41. 1 Diopter of refractive errors is caused by - \*

*Mark only one oval.*

- 0.05 mm increase of anterior chamber
- 0.06 mm increase of anterior chamber
- 0.07 mm increase of anterior chamber
- None of them

50. 42. Trabecular apertures size is \_\_\_\_\_.\*

*Mark only one oval.*

- 25-75 micrometer
- 10-25 micrometer
- 100-125 micrometer
- None of them

51. 43. Scleral spur is composed of a group of fibers known as \_\_\_\_\_.\*

*Mark only one oval.*

- Episcleral roll
- Scleral roll
- Both a&b
- None of them

52. 44. \_\_\_\_\_ prevents ciliary muscle from causing Schlemm's canal to collapse. \*

*Mark only one oval.*

- Schwalbe's line
- Trabecular Meshwork
- Scleral spur
- Schlemm's canal

53. 45. Crystalline lens is a \_\_\_\_\_ structure \*

*Mark only one oval.*

- Biconvex
- Biconcave
- Sphere
- None of them

54. 46. Total dioptric power of the eye is \_\_\_\_\_.

*Mark only one oval.*

- 55-58 D
- 58-60 D
- 60-65 D
- None of them

55. 47. Lens contributes about \_\_\_\_\_ Diopter of total power eye \*

*Mark only one oval.*

- 10 D – 15 D
- 15 D – 20 D
- 20 D – 25 D
- None of them

56. 48. Refractive index of Lens cortex is \_\_\_\_\_.\*

*Mark only one oval.*

- 1.376
- 1.406
- 1.389
- None of them

57. 49. Refractive index of Lens Core is \_\_\_\_\_.\*

*Mark only one oval.*

- 1.376
- 1.406
- 1.389
- None of them

58. 50. The anterior suture is erect \_\_\_\_\_ shaped. \*

*Mark only one oval.*

- Z shaped
- Y shaped
- U shaped
- None of them

59. 51. The fibers run meridionally from the posterior to the anterior lens surface \_\_\_\_\_. \*

*Mark only one oval.*

- Z shaped
- Y shaped
- U shaped
- None of them

60. 52. Accommodation is a physiological process of \_\_\_\_\_. \*

*Mark only one oval.*

- Cornea
- Sclera
- Lens
- Retina

61. 53. Retina is \_\_\_\_\_ coat of the eye ball \*

*Mark only one oval.*

- Vascular
- Light sensitive
- Fibrous
- None of them

62. 54. Which layer of retina is known as receptor layer ? \*

*Mark only one oval.*

- Retinal pigment epithelium
- Layers of rods and cones
- Nerve - fiber layer
- None of them

63. 55. The rods and cones are about \_\_\_\_\_ millions in number in Layers of rods and cones. \*

*Mark only one oval.*

- 125 and 7
- 100 and 10
- 150 and 15
- None of them

64. 56. Amacrine cells are present in \_\_\_\_\_.\*

*Mark only one oval.*

- Retinal pigment epithelium
- Inner nuclear layer
- Nerve - fiber layer
- None of them

65. 57. Multipolar nerve cells are found in \_\_\_\_\_.\*

*Mark only one oval.*

- Retinal pigment epithelium
- Ganglion cell layer
- Nerve - fiber layer
- None of them

66. 58. Optic Disc is present in \_\_\_\_\_.\*

*Mark only one oval.*

- Retina
- Choroid
- Sclera
- None of them

67. 59. Diameter of foveola is \_\_\_\_\_ \*

*Mark only one oval.*

0.25 mm

0.30 mm

0.35 mm

0.40 mm

68. 60. Sub-retinal space is filled with \_\_\_\_\_ . \*

*Mark only one oval.*

Aqueous humor

Vitreous humor

Retinal fluid

None of them

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