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

Course Name - -Ocular Anatomy Course Code - BOPT0201

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Mark only one oval.

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DIP.EE

DIP.ME

\_ .. . \_ \_

- PGDHM
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- M.TECH(CSE)
- M.A.(JMC)
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- M.SC.(MATH)
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- MCA
- M.SC.(MSJ)
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- M.SC.CS)
- M.SC.(ANCS)
- M.SC.(MM)
- B.A.(Eng)

Answer all the questions. Each question carry one mark.

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

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

10. 2. Sclera is covered by \*

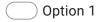
Mark only one oval.

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? \*



- 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 \*

- 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
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.



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

Mark only one oval.



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
- 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 \_\_\_\_\_\*

- Eye lids
- 🔵 Conjunctiva
- Cornea
- Orbit

28.	20. Tarsal plate is present in	*

Eye lids

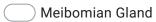
🔵 Conjunctiva

Cornea

🔵 Orbit

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

Mark only one oval.



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	*

📃 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 secrets mucus in conjunctiva? \*

Mark only one oval.

- Goblet cells
  Keratocyte cells
  Squamous cells
- None of them
- 36. 28. Thickness at corneoscleral junction is \_\_\_\_\_.\*



- 0.8
- 0.7

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

Mark only one oval.

$\bigcirc$	Ocu	lomotor	nerve
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- Ciliary nerve
- Trochlear nerve
- None of them
- 38. 30.Uveal tract is composed of \_\_\_\_\_\*

## Mark only one oval.

- Iris, Ciliary body and Choroid
- Cornea, Cliliary and Choroid
- Cornea, Sclera and Choroid
- None of them
- 39. 31. Average diameter of the Iris is \_\_\_\_\_\*

- 9-10 mm
- \_\_\_\_\_ 10-11 mm
- \_\_\_\_\_ 11-12 mm
- 🔵 12-13 mm

40. 32. Fuchs's crypt 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. Constrict of pupil is caused by \_\_\_\_\_.\*

- 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	*

\_\_\_\_ 100-200 μm

\_\_\_\_ 500-1000 μm

\_\_\_\_ 1000-1500 μm

None of them

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

Mark only one oval.

lris

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 \_\_\_\_\_.\*

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

52. 44. prevents ciliary muscle from causing Schlemm's canal to c	collapse.
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🔵 Schwalbe's line

- Trabecular Meshwork
- Scleral spur
- 🔵 Schlemm's canal
- 53. 45. Crystaline lens is a \_\_\_\_\_ structure \*

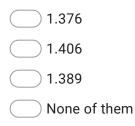
Mark only one oval.

- 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

47. Lens contributes about \_\_\_\_\_ Diopter of total power eye \* 55. Mark only one oval. 10 D – 15 D 15 D – 20 D 20 D – 25 D None of them 48. Refractive index of Lens cortex is \_\_\_\_\_.\* 56. Mark only one oval. 1.376 1.406 1.389 None of them 49. Refractive index of Lens Core is \_\_\_\_\_.\* 57.



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 \_\_\_\_\_.\*

- 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. \*

- 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 \_\_\_\_\_.\*

- 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	*

🔵 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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