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

Course Name -Ocular Anatomy Course Code - BOPTO201

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Mark only one oval.
Diploma in Pharmacy
Bachelor of Pharmacy
B.TECH.(CSE)
B.TECH.(ECE)
BCA
B.SC.(CS)
B.SC.(BT)
B.SC.(ANCS)
B.SC.(HN)
B.Sc.(MM)
B.A.(MW)
BBA
B.COM
B.A.(JMC)
BBA(HM)
BBA(LLB)
B.OPTOMETRY
B.SC.(MB)
B.SC.(MLT)
B.SC.(MRIT)
B.SC.(PA)
LLB
B.SC(IT)-AI
B.SC.(MSJ)
Bachelor of Physiotherapy
B.SC.(AM)
Dip.CSE
Dip.ECE
<u>DIP.EE</u>
O DIP.CE

9.

<u>DIP.ME</u>
PGDHM
MBA
M.SC.(BT)
M.TECH(CSE)
LLM
M.A.(JMC)
M.A.(ENG)
M.SC.(MATH)
M.SC.(MB)
M.SC.(MSJ)
M.SC.(AM)
M.SC.CS)
M.SC.(ANCS)
M.SC.(MM)
B.A.(Eng)
Answer all the questions. Each question carry one mark.
. 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. 5 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
10	10. Compact this language at the marinham dia
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.	13cells 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 secrets 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, Cliliary 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 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
	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
4.5	
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 μm	
	500-1000 μm	
	1000-1500 μm	
	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.	44prevents 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. 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

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 kno	own 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 ab	out millions in number in Layers of rods and
	Mark only one oval.	
	125 and 7	
	100 and 10	
	150 and 15	
	None of them	

64.	5756. 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. Sub-retinal space is filled with
	Mark only one oval.
	Aqueous humor
	Vitreous humor
	Retinal fluid
	None of them
68.	60. Cones responsible for
	Mark only one oval.
	Photoptic vision
	Scotoptic vision
	Both a&b
	None of them

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