

National Board of Examinations

Question Paper Name :	Diploma Ophthalmology Paper3
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Diploma Ophthalmology Paper3

Group Number :	1
Group Id :	3271873256
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
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Diploma Ophthalmology Paper3

Section Id :	3271873259
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271873263
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718734504 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. A 21-year-old myopic male presented with a total retinal detachment in the right eye, a single causative break at 11 O'clock anterior to the equator and no PVR.

- What are the surgical options for management of retinal detachment? [5]
- Explain clearly why you would recommend your chosen surgical option and outline the surgical steps. [5]

Question Number : 2 Question Id : 32718734505 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- Enumerate the lamellar corneal surgeries and give indications for each. [4]
- What are the complications after endothelial keratoplasties? [3]
- What are the causes for secondary glaucoma seen after penetrating keratoplasty? [3]

Question Number : 3 Question Id : 32718734506 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- What is the role of anterior segment ocular coherence tomography in corneal pathologies and in glaucoma cases? [6]
- Briefly describe the new advances(diagnostic & therapeutic) in managing dry eyes. [4]

Question Number : 4 Question Id : 32718734507 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- Describe techniques for repair of a canalicular injury. [5]
- Describe types of orbital implants and their advantages. [5]

Question Number : 5 Question Id : 32718734508 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- What are extended depth of focus intra ocular lenses(EDOF)? [2]
- What is the optical principle of EDOF lenses? [3]
- What are the advantages and disadvantages of EDOF lenses? [5]

Question Number : 6 Question Id : 32718734509 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

What is corneal crosslinking? Discuss its principles, indications & different protocols. [1+(2+3+4)]

Question Number : 7 Question Id : 32718734510 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What is Micro Invasive Glaucoma Surgery(MIGS)? [2]
- b) Enumerate types of MIGS devices available. [3]
- c) Write briefly about mechanism of action of these devices. [5]

Question Number : 8 Question Id : 32718734511 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What are different types of phakic IOLs and their indications? [2+2]
- b) What are their intraoperative & postoperative complications and their management? [3+3]

Question Number : 9 Question Id : 32718734512 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What are stages of thyroid eye disease? [2]
- b) Detail the clinical features and risk factors for thyroid eye disease. [3]
- c) Draw a flow diagram on management protocols of thyroid eye disease causing optic nerve compression. [4]
- d) What are the symptoms & signs of optic nerve compression in a thyroid eye disease? [1]

Question Number : 10 Question Id : 32718734513 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Evolution of Anti-VEGF factors. [4]
- b) Role of Rho kinase inhibitors in Ophthalmology. [3]
- c) Sequel of COVID in eye. [3]