

National Board of Examinations

Question Paper Name :	DNB Ophthalmology Paper4
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Actual Answer Key :	No

DNB Ophthalmology Paper4

Group Number :	1
Group Id :	3271871153
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Ophthalmology Paper4

Section Id :	3271871156
Section Number :	1

Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271871160
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718710582 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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. What is Minimally Invasive Glaucoma Surgery (MIGS)? Discuss indications, advantages and disadvantages of MIGS procedures. [1+(3+3+3)]

Question Number : 2 Question Id : 32718710583 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is Corneal Collagen Crosslinking (C3R)? What are the indications for C3R? Describe the recent advances in the technique of C3R. [1+3+6]

Question Number : 3 Question Id : 32718710584 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

- a) Role of OCT in choroidal diseases. [5]
- b) Recent Guidelines for screening of Retinopathy of Prematurity. [5]

Question Number : 4 Question Id : 32718710585 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What is Mucormycosis? Discuss the staging of Rhino-orbito-cerebral mucormycosis and its management. [2+(3+5)]

Question Number : 5 Question Id : 32718710586 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Phakic intraocular lenses. [5]
- b) Femto Laser Assisted Cataract Surgery (FLACS). [5]

Question Number : 6 Question Id : 32718710587 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the role of:

- a) Topical low dose atropine. [5]
- b) Interferon Alpha 2b. [5]

Question Number : 7 Question Id : 32718710588 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the OCT based staging of macular hole. What are the indications for surgical intervention? What are the surgical options available? [2+4+4]

Question Number : 8 Question Id : 32718710589 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

a) Mini Monoka Stent. [5]

b) Corneal Neurotisation. [5]

Question Number : 9 Question Id : 32718710590 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) What is the differential diagnosis of leukocoria? Discuss the recent advances in management of retinoblastoma. [4+6]

Question Number : 10 Question Id : 32718710591 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is gene therapy and how it works? Name a few diseases where it is being tried. [(3+4)+3]