

National Board of Examinations

Question Paper Name :	DNB Ophthalmology Paper1
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Actual Answer Key :	No

DNB Ophthalmology Paper1

Group Number :	1
Group Id :	3271871150
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 Paper1

Section Id :	3271871153
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 :	3271871157
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718710552 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. a) Draw a labelled diagram of lacrimal drainage system. [5]
- b) What is Epiphora? [2]
- c) A 14-month-old child presented with epiphora since birth, regurgitation present on pressure over sac area. Discuss the management of this case. [3]

Question Number : 2 Question Id : 32718710553 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the course and anatomic relations of oculomotor Nerve and discuss their localising value. [5+5]

Question Number : 3 Question Id : 32718710554 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the mechanism of accommodation. How do you measure it? Discuss various anomalies of accommodation. [3+2+5]

Question Number : 4 Question Id : 32718710555 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the optical principles of:

- a) Indirect ophthalmoscope. [5]
- b) Telescopic spectacles. [5]

Question Number : 5 Question Id : 32718710556 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Principles of applanation tonometer. [5]
- b) Assessment of macular function in opaque media. [5]

Question Number : 6 Question Id : 32718710557 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What are the indications for use of intravitreal steroids? Discuss the advantages and disadvantages of various steroid preparations used as intravitreal injections. [5+5]

Question Number : 7 Question Id : 32718710558 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Rho kinase inhibitors. [5]
- b) Role of injection Botulinum toxin in Ophthalmology. [5]

Question Number : 8 Question Id : 32718710559 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the factors which are important for maintenance of corneal transparency. Discuss briefly common causes of corneal edema and their management. [5+(2+3)]

Question Number : 9 Question Id : 32718710560 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 anterior segment diseases. [5]
- b) Indocyanine green angiography. [5]

Question Number : 10 Question Id : 32718710561 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is Nyctalopia? What are common causes of nyctalopia? Discuss the pathophysiological basis of nyctalopia. [2+4+4]