

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Ophthalmology Paper2
<b>Subject Name :</b>	DNB Ophthalmology Paper2
<b>Creation Date :</b>	2024-10-18 15:26:15
<b>Duration :</b>	180
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## DNB Ophthalmology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872859
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
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<b>Break time :</b>	0
<b>Group Marks :</b>	100

## DNB Ophthalmology Paper2

<b>Section Id :</b>	3271872862
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872866
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718729874 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. Xerophthalmia:

- Etiopathogenesis and classification. [4]
- Management of xerophthalmia. [2]
- Discuss the various preventive measures of this disease. [4]

**Question Number : 2 Question Id : 32718729875 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 27-year-old male presents with acute periorbital swelling, redness and pain.

- Investigations regarding this case. [3]
- Differential diagnosis. [3]
- Treatment options available. [4]

**Question Number : 3 Question Id : 32718729876 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 25-year-old woman presents with inability to correct her vision completely with glasses. Her keratometric values are 48D at 95° and 52D at 185° in right eye and 50D at 65° and 55D at 155° in left eye.

- What is your probable diagnosis and discuss important steps in further confirming your diagnosis? [5]
- Factors influencing management. [5]

**Question Number : 4 Question Id : 32718729877 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- Intacs and its potential complications. [5]
- Refractive surgical procedures for hyperopia. [5]

**Question Number : 5 Question Id : 32718729878 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- Describe various IOL power calculation formulae. [7]
- How will you calculate IOL power in a post refractive surgery patient? [3]

**Question Number : 6 Question Id : 32718729879 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Mechanism of action, technique and complications of SLT. [6]
- b) What are its advantages over ALT? [4]

**Question Number : 7 Question Id : 32718729880 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Parameters involved in fluid dynamics in Phacoemulsification. [5]
- b) Peristaltic versus Venturi pumps. [5]

**Question Number : 8 Question Id : 32718729881 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Clinical features of posterior uveitis. [5]
- b) Management of Eales disease. [5]

**Question Number : 9 Question Id : 32718729882 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Discuss in brief about Coats disease. [5]
- b) Clinical features and management of nonhealing corneal ulcer. [5]

**Question Number : 10 Question Id : 32718729883 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe management options for a 60-year-old patient suffering from age related macular degeneration with visual acuity of 3/60 in both eyes. [5]
- b) Discuss options for visual rehabilitation of the patient. [5]