

National Board of Examinations

Question Paper Name :	DNB Ophthalmology Paper1
Subject Name :	DNB Ophthalmology Paper1
Creation Date :	2021-08-25 17:08:49
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DNB Ophthalmology Paper1

Group Number :	1
Group Id :	327187262
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

DNB Ophthalmology Paper1

Section Id :	327187265
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187269
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271871140 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the anatomy of the medial wall of the orbit. [6]
- b) Discuss its clinical significance. [4]

Question Number : 2 Question Id : 3271871141 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the anatomy of ciliary body. [4]
- b) What are its functions and how will you assess them. [3+3]

Question Number : 3 Question Id : 3271871142 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the anatomy of Optic nerve. [5]
- b) Draw a diagram to explain its blood supply and discuss its clinical significance. [3+2]

Question Number : 4 Question Id : 3271871143 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Draw a labelled diagram of 3rd Cranial Nerve Nucleus. [6]
- b) Explain its clinical significance. [4]

Question Number : 5 Question Id : 3271871144 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the theories of colour vision. [4]
- b) Discuss the methods of evaluation of colour vision defects. [3]
- c) Differentiate between congenital and acquired colour vision defects. [3]

Question Number : 6 Question Id : 3271871145 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Define Binocular Vision and its grades. What are its pre-requisites and advantages. [2+2]
- b) Discuss the theories of Binocular Single vision and describe the methods of its assessment. [3+3]

Question Number : 7 Question Id : 3271871146 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Development of the crystalline lens and its metabolism. [4+2]
- b) Biochemical changes responsible for cataract formation. [4]

Question Number : 8 Question Id : 3271871147 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Explain Sturm's Conoid with the help of a diagram. What is its clinical significance. [3+2]
- b) Discuss briefly the surgical management of Astigmatism. [5]

Question Number : 9 Question Id : 3271871148 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the optics of Specular Microscope and discuss its uses. [5+5]

Question Number : 10 Question Id : 3271871149 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the principle and uses of Ultrasonic Bio-Microscopy (UBM). Discuss its advantages and disadvantages over Anterior segment OCT(AS-OCT). [3+3+4]