

National Board of Examinations

Question Paper Name :	Diploma Ophthalmology Paper1
Subject Name :	Diploma Ophthalmology Paper1
Creation Date :	2024-12-16 09:27:05
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Actual Answer Key :	No

Diploma Ophthalmology Paper1

Group Number :	1
Group Id :	3271873254
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

Diploma Ophthalmology Paper1

Section Id :	3271873257
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 :	3271873261
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718734484 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) Discuss the methods of evaluation of visual acuity in pre-verbal children. [5]
- b) Write briefly about the concept of critical period of visual development. [5]

Question Number : 2 Question Id : 32718734485 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe the blood supply of optic nerve head and intraorbital optic nerve with well-labelled diagrams and highlight its clinical importance. [5+5]

Question Number : 3 Question Id : 32718734486 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Theories of color vision. [5]
- b) Methods of color vision evaluation. [5]

Question Number : 4 Question Id : 32718734487 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Etiology and classification of myopia. [3]
- b) Clinical features of pathological myopia. [3]
- c) Discuss the various treatment modalities of myopia and their advantages and disadvantages. [4]

Question Number : 5 Question Id : 32718734488 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What is amplitude of accommodation? [2]
- b) What are the types of accommodation? [3]
- c) How do you measure accommodation? [2]
- d) In which conditions is accommodation reduced? [3]

Question Number : 6 Question Id : 32718734489 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What are the surgical spaces of the orbit? [4]
- b) What is the role of MRI & CT in diagnosis of orbital lesions. [6]

Question Number : 7 Question Id : 32718734490 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Metabolism of crystalline lens. [5]
- b) Biochemical factors responsible for cataractogenesis. [5]

Question Number : 8 Question Id : 32718734491 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Describe the anatomy and development of eyelids with labelled diagram. [6]
- b) Enumerate 4 pathological conditions of eyelids and their treatment in brief. [4]

Question Number : 9 Question Id : 32718734492 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Draw a labelled diagram showing the anatomy of Cavernous sinus. [4]
- b) What are the types of Carotico-Cavernous Fistula (CCF)? [2]
- c) Describe the important clinical features of Carotico-Cavernous Fistula (CCF). [4]

Question Number : 10 Question Id : 32718734493 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Production and outflow of aqueous humour. [4]
- b) Relationship between central corneal thickness and IOP measurement. [3]
- c) Enumerate few tonometers. Which one is preferred in altered corneal surface conditions? [3]