

# NEET SS 2024 Diploma Ophthalmology Paper1 Question Paper with Solutions

Time Allowed :3 Hours	Maximum Marks :100	Total Questions :10
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## General Instructions

Read the following instructions very carefully and strictly follow them:

1. The test is of 3 hours duration.
2. The question paper consists of 10 questions. The maximum marks are 100.
3. Each Question is of 10 marks.

1. a) Discuss the methods of evaluation of visual acuity in pre-verbal children.

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1. b) Write briefly about the concept of critical period of visual development.

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

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3. a) Theories of color vision.

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3. b) Methods of color vision evaluation.

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4. a) Etiology and classification of myopia.

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4. b) Clinical features of pathological myopia.

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4. c) Discuss the various treatment modalities of myopia and their advantages and disadvantages.

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5. a) What is amplitude of accommodation?

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5. b) What are the types of accommodation?

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5. c) How do you measure accommodation?

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5. d) In which conditions is accommodation reduced?

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6. a) What are the surgical spaces of the orbit?

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6. b) What is the role of MRI & CT in diagnosis of orbital lesions?

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7. a) Metabolism of crystalline lens.

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7. b) Biochemical factors responsible for cataractogenesis.

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8. a) Describe the anatomy and development of eyelids with labelled diagram.

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8. b) Enumerate 4 pathological conditions of eyelids and their treatment in brief.

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9. a) Draw a labelled diagram showing the anatomy of Cavernous sinus.

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9. b) What are the types of Carotico-Cavernous Fistula (CCF)?

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9. c) Describe the important clinical features of Carotico-Cavernous Fistula (CCF).

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10. a) Production and outflow of aqueous humour.

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10. b) Relationship between central corneal thickness and IOP measurement.

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10. c) Enumerate a few tonometers. Which one is preferred in altered corneal surface conditions?

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