

# Question Paper

Exam Date & Time: 27-Jan-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER MASTER OF OPTOMETRY DEGREE EXAMINATION - JANUARY 2023  
SUBJECT: OPT5102- OCULAR DISEASES - I  
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

### Answer all the questions.

1) A 20 year old female came with a complaint of blurred vision along with difficulty in identifying colours and also face difficulty in the dark. retinal evaluation showed bony specules and arteriolar attenuation.

- 1A) Kindly Construct and elaborate with a Disease Script highlighting the clinical presentation, clinical procedures, diagnostic tests, treatment options (15)
- 1B) Apply the concept of Evidence based Practice as you plan the clinical care for this patient (5)

2) A 25 year old male came with a complaint of blurred vision along with floaters . His medical history showed an inflammatory disease affecting the lungs. Retinal evaluation showed the inflammation of the choroid.

- 2A) Kindly Construct and elaborate with a Disease Script highlighting the clinical presentation, clinical procedures, diagnostic tests, treatment options (15)
- 2B) Apply the concept of Evidence based Practice as you plan the clinical care for this patient (5)
- 3A) Describe the investigations for open angle glaucoma and List the best treatment options for various stages of glaucoma (10)  
(6+4 = 10 marks)
- 3B) Explain the principle and methods of ultrasonography and Tabulate the ophthalmic conditions where each type is used (10)  
(6+4 = 10 Marks)
- 3C) Explain the etiology, classification, clinical features and management of retinal detachment (10)
- 3D) Construct a management plan for traumatic brain injury based on the evidence-based practice (10)
- 4A) Explain in detail about Optic neuritis. (5)
- 4B) Brief the signs of posterior uveitits. (5)
- 4C) Parent of 2 year with history of premature birth came for ophthalmic examination, List the battery of test and important findings as you perform the clinical evaluation. (5)
- 4D) Describe the role of yag-peripheral iridotomy in management of angle closure glaucoma (5)

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