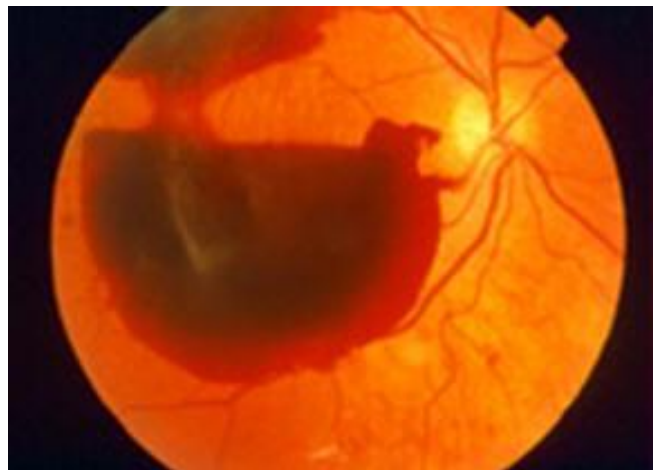


Question 25 (10 marks)

A 74 year old woman comes to the ED after suffering a significant loss of vision from her right eye. She has some perception of light, mainly at the periphery of her vision. Her main comorbidities are hypertension and type II diabetes mellitus.

Name 5 causes of unilateral sudden painless vision loss (5 marks)



She undergoes fundoscopy (above). What is the diagnosis? (1 mark)

What is the main cause of this condition? (1 mark)

Candidate Name: _____

What is a relative afferent pupillary defect (RAPD)? Name 2 conditions in which this will be seen (3 marks)

Candidate Name: _____

SAQ 17:

Candidate Name:

A 24 year old male presents to ED after being hit in the face by a football. He is complaining of pain and blurred vision in his left eye.

His eye photo is attached:



Questions:

1- List three (3) abnormalities in the given photograph:

(3 marks)

2- List three (3) possible associated injuries

(3 marks)

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3- Please list two (2) early and two (2) late complications of the above condition.
(4 marks)

Early Complications	Late Complications

4- List five (5) management steps for this patient. (5 marks)

SAQ 3 (6 Minutes)
(Total 12 marks)

Candidate Name:

A 21-year-old male presents to a tertiary Emergency Department after suffering an injury to his right eye at work while hammering metal.

His eye photo is included in the props booklet:



Questions:

1. List 3 abnormalities on the image

(3 marks)

2. List 2 relevant negative findings

(2 mark)

3. State what further investigation you would perform and justify your choice.

(2 marks)

--

4. State 5 immediate management steps.

(5 marks)

SAQ 22 (11 marks)

A 78 year old man presents with acute painless visual loss in the R eye an hour ago. He has a history of cataracts and hypertension for which he takes candesartan.

a) List three (3) risk factors for retinal detachment (3 marks)

1.

2.

3.

b) The posterior chamber is not clearly visible due to a cataract. List six (6) investigations that may help establish a diagnosis, with reasoning (6 marks)

1.

2.

3.

4.

5.

- c) List two (2) treatments for central retinal artery occlusion that may be used, with rationale. (2 marks)

Treatment:	Rationale:

SAQ 23 (12 marks)

A 35-year old man of no fixed address presents to the ED with a complaint of a painful red eye for the past three days associated with worsening visual acuity. He is not forthcoming with more history.

On initial inspection with the patient sitting up using normal light, you see the following **(see prop booklet)**

- a. List the four (4) MOST significant findings on the image (4 marks)

- b. List the three (3) MOST important other aspects of the ocular evaluation which should be performed AND your expected findings (3 marks)

c. List the two (2) MOST important next steps in managing this patient (2 marks)

d. List three (3) possible complications of this if left untreated (3 marks)

Candidate initials: _____

Q9

A 25 year old man has presented with a red eye. You have diagnosed him with conjunctivitis.

1. Complete the table regarding the causes of conjunctivitis. (12 marks)

Cause of conjunctivitis	Discriminatory features on history / examination	Treatment

SAQ 17

A 22 year old man presents with facial pain and a rash.

A clinical photograph is shown below.



SAQ 17 continued

1. What is your provisional diagnosis?

2. Describe four (4) features on the clinical photograph that support this diagnosis.

3. List five (5) important complications of this presentation.

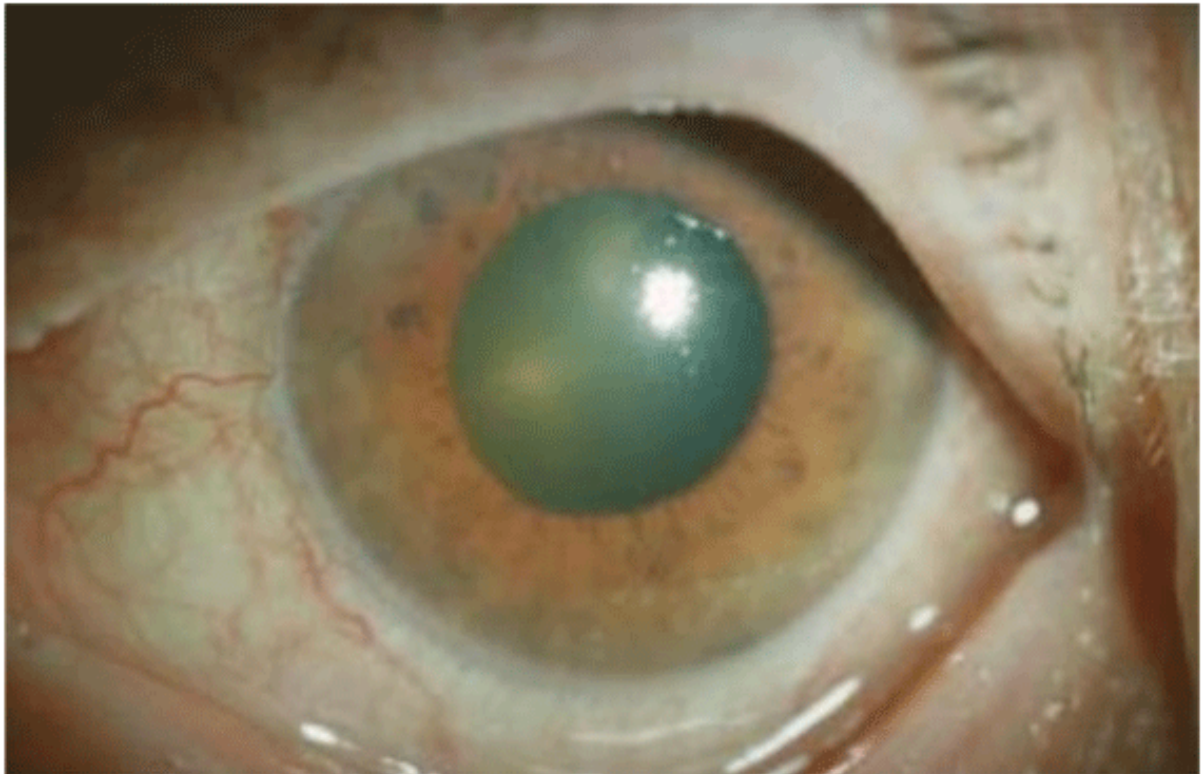
3. List three (3) key features on assessment that would mandate admission.

Q6

A 45 year old woman has presented with an intensely painful right eye of 2 hours duration. Her pain began while she was watching a movie.

She has no known medical history.

A clinical photo is provided below.



Candidate initials: _____

Q6

A 45 year old woman has presented with an intensely painful right eye of 2 hours duration. There is no history of trauma.

She has no known medical history.

A clinical photo is provided in the **PROPS BOOKLET**.

- 1. List 3 abnormalities in the clinical photo. (3 marks)**

- 2. State your diagnosis. (1 mark)**

- 3. List 3 methods of measuring intra-ocular pressure. (3 marks)**

Candidate initials: _____

4. What is the upper limit of the normal range for intra-ocular pressure? (1 mark)

5. List 2 treatments specific to this condition you may start in the ED. (2 marks)

6. List 2 supportive treatment measures. (2 marks)

Candidate initials: _____

Q18

A 50 year old woman has presented with a painful, red left eye.

1. List 5 differential diagnoses. For each, give a cardinal examination finding that would support the diagnosis. (10 marks)

Diagnosis	Cardinal examination finding