

Question 1 (14 marks)

A 16-year-old boy is brought into the ED by his parents with a complaint of fever and fatigue for six days. Further questioning reveals that he has had some weight loss and has noticed a firm non-painful lump in the left lateral side of his neck. He denies any cough, difficulty breathing, gastrointestinal, or urinary symptoms.

Vital signs are: Pulse 110, BP 108/62 mmHg, RR 18, sats 98% on room air, T 39.2 Celsius

a) List your three (3) top differential diagnoses (3 marks)

1.

2.

3.

b) List the three (3) most important additional historical features you would seek to help establish a diagnosis and explain how each may be of use. (3 marks)

1.

2.

3.

c) List the three (3) most important physical examination findings you would look for to help establish a diagnosis and explain how each may be of use (3 marks)

1.

2.

3.

d) Describe five (5) investigations that might be most helpful in diagnosing this boy's illness, and explain how each may be of use (5 marks)

1.

2.

3.

4.

5.

QUESTION 2 (12 MARKS)

A 52-year-old judo exponent presents to you with a laceration and swelling to his left pinna.

See image on page 10 in separate book

1. Describe the injury. (2 marks)

2. Outline **4** important steps in the management. (4 marks)

(1)

(2)

(3)

(4)

3. For this type of injury, list **6** indications for referral for formal surgical review and repair.
(6 marks)

(1) _____

(2) _____

(3) _____

(4) _____

(5) _____

(6) _____

4. What are the contraindications to drainage of this problem in the ED? (2 marks)



Question 3

A 9 year old boy has been brought to the ED with bleeding from his mouth. He underwent tonsillectomy at your hospital 6 days ago.

1. In order of increasing invasiveness, state four methods you could employ to reduce the amount of bleeding from the surgical site. (4 marks)

(1) _____

(2) _____

(3) _____

(4) _____

After a short time in the ED, his bleeding has increased in volume.

The patient has become agitated and is having trouble managing his airway, with continuous coughing and choking episodes.

You have decided to intubate the patient to facilitate further safe management.

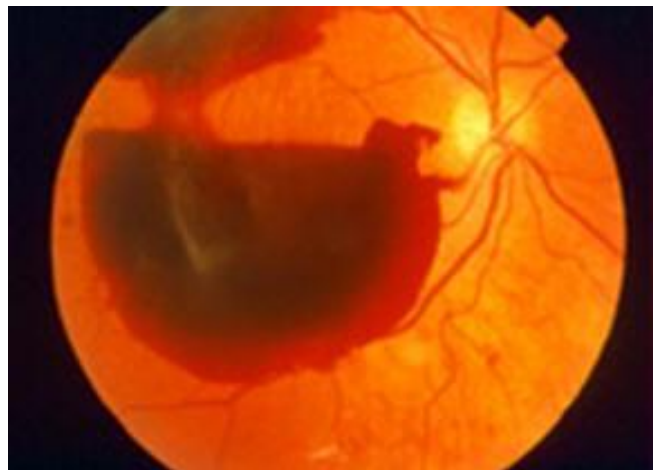
2. List 4 issues you would anticipate during the period around his intubation. For each, state how you will aim to manage the problem. (8 marks)

Issue	Management

Question 4 (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)

Question 5

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)

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

Early Complications	Late Complications

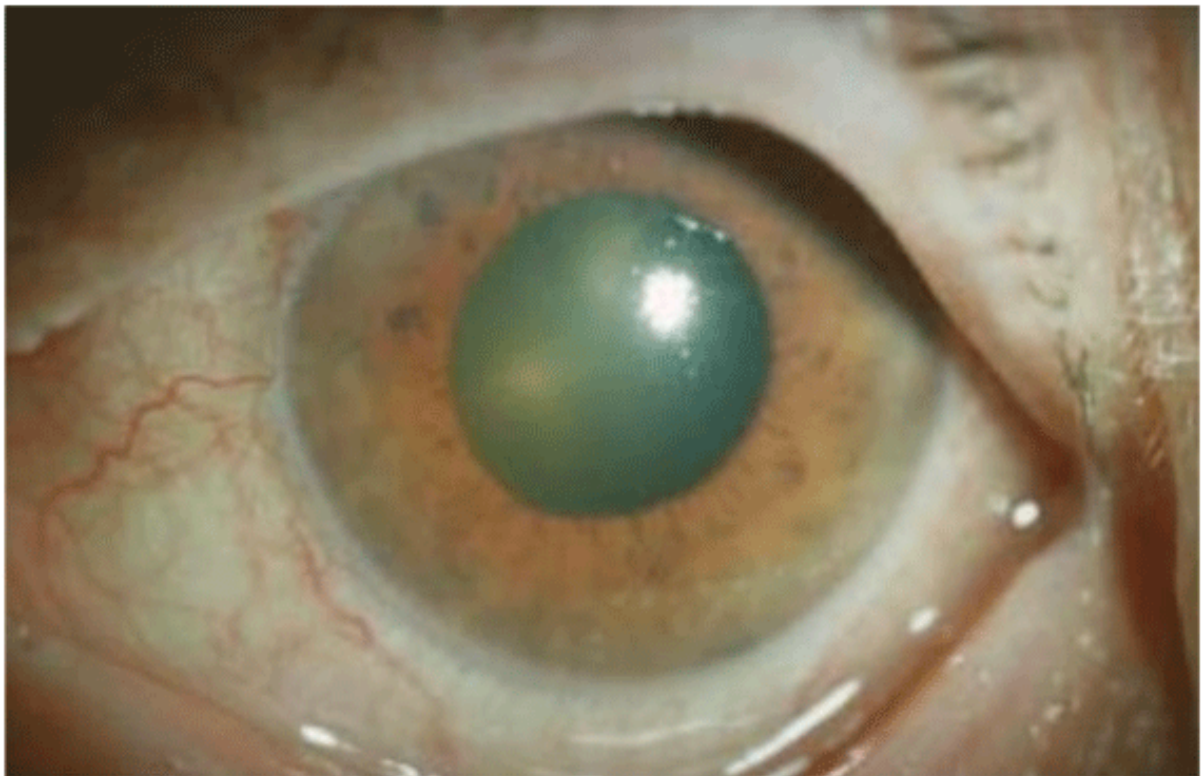
4- List five (5) management steps for this patient. (5 marks)

Question 6

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.



Question 6

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)

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)
