



Short Essay Questions (SEQs)

CORNEA & ORBIT

Total Marks:-25

Time: - 1 hour

22 Feb 2018

orbit

orbit

1. A 10 year old boy had a laceration of the right upper lid; His temperature is 102 F. he complains that his eye movements are painful. On examination there is erythema and edema of the right eyelid and periorbital region with moderate proptosis and decreased ocular movement. His vision is also decreasing now

- a. What is your diagnosis *Orbital cellulitis* 23 1
- b. What treatment options are available 4

Red skin dilated

2. A 55 years old farmer presented with severe pain in his right eye. He told his vision was alright 15 days ago when he encountered trauma with a tree branch, while working in the fields. On examination there is decreased vision, eye is red and painful and on cornea there is a white plaque.

- a. what is your diagnosis *Fungal keratitis* 23 1
- b. How you will manage this patient 4

3. A young girl wore contact lenses for a party and she wore them overnight, when she woke up she was unable to see her vision was blurred, she immediately reported to eye OPD, after removing the contact lenses slit lamp examination, cornea showed coarse and opaque streaks. Fluorescein stain was positive:

- a. What is the possible diagnosis? *Acute bacterial keratitis* 1
- b. What clinical and laboratory investigations help in diagnosis? *Cornea* 2
- c. Write any 2 treatment options. 2

4. A mother brings her 2 children to eye OPD; she complains that they both had fever and sore throat a week ago, now there is redness and watering of eyes and vesicles on lips. on examination the corneal lesion stained positively with fluorescein:

- a. What is the possible diagnosis? *Herpetic viral keratitis* 2
- b. Write down the signs. *→ ciliary congestion, Corneal sensitivity is diminished* 2
- c. What possible complications could occur in this disease? 2

5. A 50 year old female presented with bilateral proptosis and inability to close the eyelids. On examination there is bilateral exophthalmos with exposure keratitis.

- a. What is the etiology of this disease? *Thyroid eye disease* 1
- b. What are the 3 important signs? 2
- c. What possible treatment could be advised in this case? 2

→ control of hyperthyroidism
 → control ocular discomfort + dryness
 → Von-Graefe's sign (lid lag)
 → orbital decompression
 → surgery