



THE SUPERIOR COLLEGE, LAHORE

4th PROFESSIONAL MBBS
ANNUAL EXAMINATION 2018

OPHTHALMOLOGY

(SEQ's)

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Roll No. 1403

Time Allowed: 2 hours

Total Marks: 45

Instructions

- The SEQ's part is to be submitted within 2 hours, Extra time will not be given.
- Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper.
- Do not write your name or disclose your identity in anyway.

1. A 60 year old man presents with tired sore eyes with his eyelids crusting in the morning. Sometimes the white of his eye is red. He is otherwise fit and well.

- What is probable diagnosis?
- What other signs would you look for?
- How can this condition be treated?

ulcerative Blepharitis

2
2

2. An eight years old boy is brought to the physician 3 days back after sustaining a small laceration of the left eyebrow. His temperature is 101.6F. Examination shows erythema and edema of the left eyelid and periorbital region with moderate proptosis and decreased ocular movement. Eye movements are painful.

- What is your diagnosis
- What are the treatment options?

orbital cellulitis

1
4

3. A patient presented with severe pain and blurring of vision in his operated eye, he had undergone phacoemulsification 3 days back. On examination anterior chamber has flare and grade 4 cells and hair line hypopyon and fundus view is hazy:

- What could be the most probable diagnosis?
- What treatments options do we have for this patient?

Endophthalmitis

1
4

4. A 16 year old girl presented with gradual decrease in vision, on examination visual acuity was 6/24 in the right eye and 6/12 in left eye. The visual acuity got better with pin hole test.

- Enumerate different types of refractive errors. Define myopia?
- How will you evaluate & treat a case of refractive error?

hypermetropia

Myopia -> cannot see far away.

2
3

5. A 70 year old patient complaint of occasional headaches & discomfort in his both eyes. On examination his vision was decreased; his intra ocular pressure was 30 mm Hg in right & 28 mm Hg in left eye. On funduscopy examination optic cup in both eyes is enlarged
- POAG*
- What is most likely diagnosis? 1
 - How will you further investigate this case? 2
 - How will you manage this condition? 2
6. A patient presented with sudden unilateral loss of vision, pain and defective color vision of his left eye. on examination visual acuity 6/6 in right & 6/60 in left eye with positive RAPD, Fundus is normal and extra ocular movements are painful, there is enlargement of blind spot on V/F examination
- optic neuritis*
- What is the diagnosis? 1
 - Write down the differential diagnosis? 2
 - What is the best possible treatment? 2
7. A 25 year old male gives history of redness, pain and diminution of vision for past 5 days. There is also history of low backache for the past one year. On examination there is circum corneal congestion, cornea has few keratic precipitates on endothelium, there are 2+ cells in anterior chamber and intraocular pressure is within normal limits. Pupil is small and irregular.
- Acute iridocyclitis*
- What is your diagnosis? 2
 - What investigations are done to evaluate this patient? 2
 - What treatment is advised in this condition? 2
8. A painter had a lime splash on his face, he presented in ophthalmic emergency
- What is the emergency/ immediate treatment? 2
 - What is the long term treatment? 3
9. A 70 year old man presented in eye OPD with sudden loss of vision in his right eye, he is hypertensive and diabetic for last 30 years, on fundus examination there is generalized ischemia/ paler and a cherry red spot.
- central occlusion Retinal Artery*
- Write down the diagnosis 1
 - What is the pathogenesis? 2
 - Write down the treatment. 2