

MBBS CBME – Ophthalmology Sample question paper

Time : 3 Hours -Total Marks : 100

Long Essay

1. A 40 year old female with history of recurrent attacks of pain redness in both eyes presents to casualty with right sided headache, vomiting and decreased vision. On examination right eye shows shallow anterior chamber, vertically oval, mid dilated and fixed pupil. Intraocular pressure is high on digital examination. Left eye anterior chamber is also shallow.

(15)

- | | |
|---|---|
| A) What is the probable diagnosis ? | 1 |
| B) What tests could you do to confirm the diagnosis ? | 3 |
| C) What is the management of the condition ? | 4 |
| D) What treatment will you do for the other eye ? | 2 |
| E) Name a drug that can precipitate this condition | 1 |
| F) What are the complications of the condition if not treated ? | 2 |
| G) Name two differential diagnosis | 2 |

2. Describe the causes, investigations, management and complications of microbial keratitis (15)

Short Essays

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|---|--------------|
| 1. Counsel a patient regarding complication of cataract surgery | 5 X 8 = (40) |
| 2. Keratoplasty | |
| 3. Anterior Uveitis | |
| 4. Diabetic retinopathy | |
| 5. Blunt injury to the eye | |

Brief Answers /Diagrams

5 X 4=(20)

1. Pterygium
2. Aphakia
3. Scleritis
4. Draw and label the structure of upper eye lid
5. Draw and label Pupillary light reflex pathway

Precise Answers

10 X 1=(10)

1. 2 causes of sudden painless visual loss
2. 2 tests for color vision
3. 2 vitreous degenerative conditions
4. 2 causes of disc oedema
5. 2 causes of complicated cataract
6. 2 drugs causing cycloplegia
7. 2 causes of circum corneal congestion
8. 2 surgeries for entropion
9. 2 causes of secondary glaucoma
10. 2 surgeries for ptosis