

DEPARTMENT OF OPHTHALMOLOGY ANMC

Class Test MBBS 4th year (Glaucoma)

Time allowed: - 1 Hour

Dated: 29-03-2017

Total Marks: - 30

1. A 60 year old hypertensive female presents with profound loss of vision in right eye, she also complains of unilateral headache, nausea and severe pain in right eye and on her way to hospital she also had 2 episodes of vomiting, on examination the cornea is edematous and IOP is 60mmhg.
 - What is the probable diagnosis? *Acute congestive glaucoma*
 - What other signs would you observe in this patient? → *optic disc swelling, visual acuity ↓, IOP ↑, conjunctiva red, hazy cornea*
 - What is the medical treatment of this condition?
2. An 80 year old male from old home visits the eye out patient department with profound decrease in vision, on examination there is increase in intraocular pressure, optic disc cupping and on gonioscopy the angle is open.
 - What is the most likely diagnosis? *POAG* 1
 - What is its management? 4
3. Name any three common topical anti glaucoma drugs along with their mode of action and side effects. 5
4. A 1month old baby was brought to eye OPD with complaints of watering from both eyes and defective vision in both eyes since birth, on examination the baby had large hazy corneas in both eyes and IOP was also raised.
 - What is your diagnosis? *Congenital glaucoma* 1
 - What is the differential diagnosis of this condition? */// // //* 2
 - What treatment is advised in this condition? 2
5. A 70 year old male came to eye OPD with chronic, painless, slowly progressive loss of vision in his both eyes with, mild headache, eye ache and increasing difficulty in near work. On examination pupillary reactions were normal, anterior chamber depth and angles were normal, but there was cupping of the optic disc and visual field defects were also observed on perimetry.
 - a. What is your diagnosis? 1
 - b. What field defects would you observe in this patient? 3
 - c. Name the surgical treatment done in such patients 1

→ Posterior Define

- a. Peripheral iridectomy → *latent primary angle closure* 2
- b. Trabeculectomy → *" " " "* 2
- c. Increased intra ocular pressure 1

anterior