



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.OPTM/SEM-4/BO-404/2010**

**2010**

**OCULAR DISEASES-I**

**( ANTERIOR SEGMENT DISEASES )**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

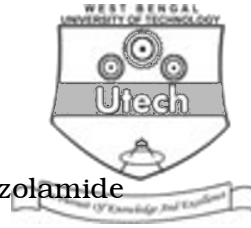
1. Choose the correct alternatives for any *ten* of the following :

10 × 1 = 10

- i) A viral corneal ulcer has
  - a) increased corneal sensation
  - b) decreased corneal sensation
  - c) altered corneal sensation
  - d) same corneal sensation.
- ii) Ferry's line is
  - a) iron deposition at the base of keratoconus
  - b) iron deposition in pterygium
  - c) copper deposition in Wilson's disease
  - d) iron deposition in filtering bleb.

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[ Turn over



- iii) Which is an antiglaucoma drug ?
- a) Phenylephrine                      b) Brinzolamide  
c) Doxycycline                        d) Atropine.
- iv) Lens subluxation in Marfan's syndrome is
- a) supero-temporal                    b) infero-temporal  
c) infero-nasal                         d) posterior.
- v) Inflammation of the glands of Moll & Zeis is known as
- a) Meibomitis                          b) Chalazion  
c) Styne d)                                None of these.
- vi) Common association of ..... is found in acute anterior uveitis associated with ankylosing spondylitis.
- a) HLA-DW-15                          b) HLA-DR4  
c) HLA-B5                                d) HLA-B27.
- vii) Hutchinson's triad is seen in
- a) congenital glaucoma                b) congenital ptosis  
c) congenital syphilis                 d) congenital cataract.
- viii) Management of subconjunctival haemorrhage is done by
- a) antifungal drug  
b) anti-bacterial drug  
c) tear substitute  
d) reassuring the patient.
- ix) In thin corneas, I.O.P. is
- a) over-estimated                        b) under-estimated  
c) variable                                d) not affected.
- x) Iris shadow is seen in ..... cataract.
- a) immature                              b) mature  
c) hypermature                         d) nuclear type.



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9. Discuss under the following headings Blepharoptosis :
- a) Definition
  - b) Aetiology
  - c) Clinical evaluation from history, examination and investigations.
  - d) Management. 2 + 3 + 6 + 4
10. Discuss primary open angle glaucoma ( P.O.A.G. ) under the following headings :
- a) Definition
  - b) Clinical features ( symptoms and signs )
  - c) Investigations
  - d) Different modes of treatment.
  - e) Formation and drainage of aqueous humour. 1 + 4 + 4 + 4 + 2
11. Discuss acute anterior uveitis under the following headings :
- a) Clinical features including slit-lamp findings.
  - b) Sequelae and complications
  - c) Management. 6 + 4 + 5
12. Discuss cataracts under the following headings :
- a) Definition
  - b) Zonular or lamellar cataract
  - c) Stages of cortical cataracts
  - d) Treatment options for cataracts. 2 + 4 + 4 + 5
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