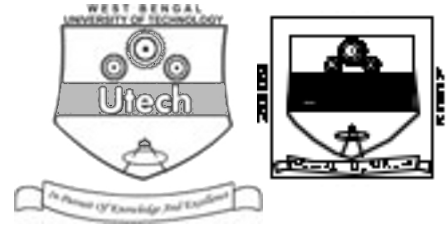


**OCULAR DISEASE - I ( ANTERIOR SEGMENT DISEASE ) ( SEMESTER - 4 )**

**CS/B.OPTM/SEM-4/BO-404/09**



1. ....  
Signature of Invigilator

2. ....  
Signature of the Officer-in-Charge

**Reg. No.**

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**Roll No. of the Candidate**

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**CS/B.OPTM/SEM-4/BO-404/09**

**ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE – 2009**

**OCULAR DISEASE - I ( ANTERIOR SEGMENT DISEASE ) ( SEMESTER - 4 )**

Time : 3 Hours ]

[ Full Marks : 70

**INSTRUCTIONS TO THE CANDIDATES :**

- This Booklet is a Question-cum-Answer Booklet. The Booklet consists of **32 pages**. The questions of this concerned subject commence from Page No. 3.
- In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.
  - For **Groups – B & C** you have to answer the questions in the space provided marked 'Answer Sheet'. Questions of **Group – B** are Short answer type. Questions of **Group – C** are Long answer type. Write on both sides of the paper.
- Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.
- Read the instructions given inside carefully before answering.
- You should not forget to write the corresponding question numbers while answering.
- Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
- Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**
- You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, **which will lead to disqualification**.
- Rough work, if necessary is to be done in this booklet only and cross it through.

**No additional sheets are to be used and no loose paper will be provided**

**FOR OFFICE USE / EVALUATION ONLY**

Marks Obtained

**Group – A**

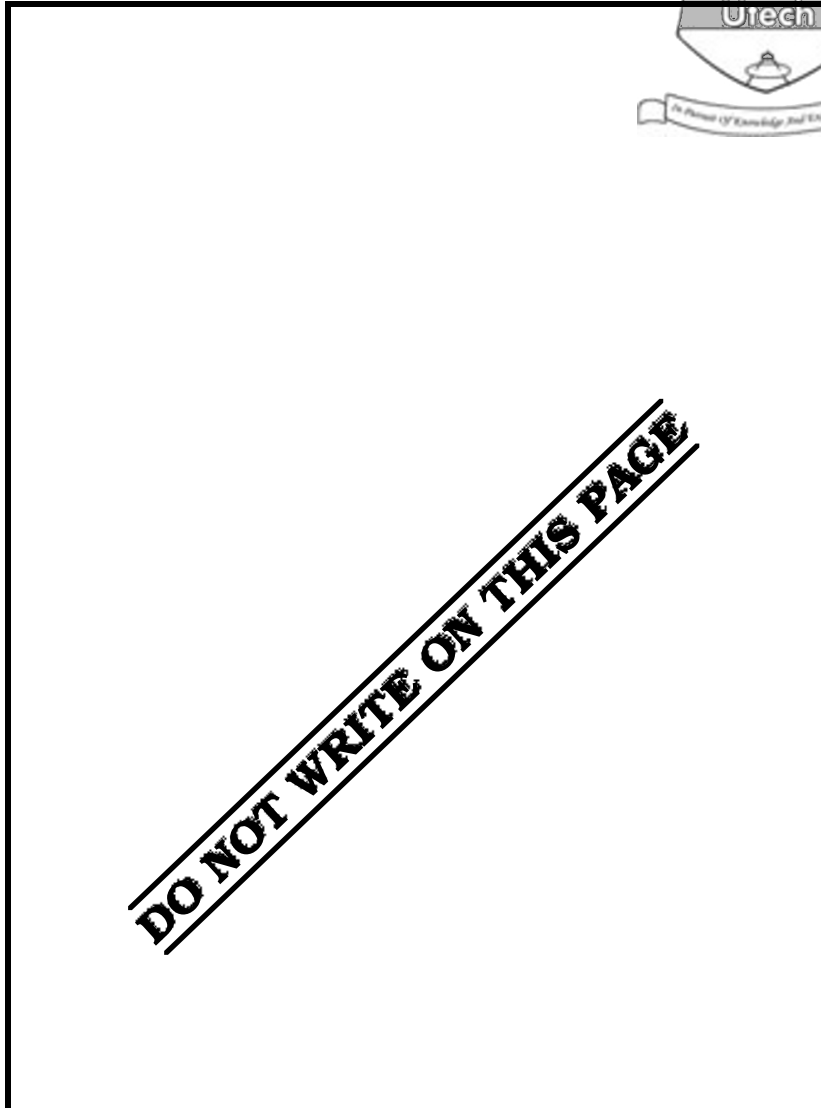
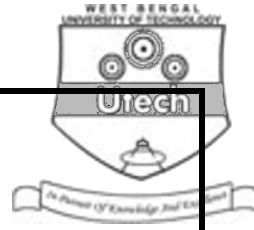
**Group – B**

**Group – C**

Question Number																					Total Marks	Examiner's Signature		
Marks Obtained																								

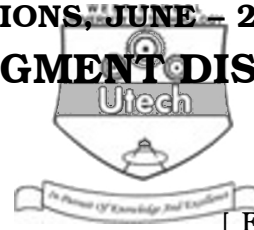
.....  
**Head-Examiner/Co-Ordinator/Scrutineer**

**4611 (12/06)**





ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE - 2009  
OCULAR DISEASE - I ( ANTERIOR SEGMENT DISEASE )  
SEMESTER - 4



Time : 3 Hours ]

[ Full Marks : 70

GROUP - A

( Multiple Choice Type Questions )

1. Choose the correct alternatives for any *ten* of the following : 10 × 1 = 10

- i) Map-dot-fingerprint is a
  - a) corneal degeneration
  - b) corneal ulcer
  - c) corneal vascularization
  - d) corneal dystrophy.
  
- ii) Inclusion conjunctivitis is caused by
  - a) gonococcus
  - b) pnuemococcus
  - c) chlamydia oculogenitalis
  - d) streptococcus.
  
- iii) Cloudy cornea in a newborn is suggestive of
  - a) congenital cataract
  - b) congenital nasolacrinal duct block
  - c) congenital glaucoma
  - d) neonatal conjunctivits.
  
- iv) Mutton fat KPS are seen in
  - a) infective conjunctivits
  - b) viral keratitis
  - c) granulomatous uveitis
  - d) angle closure glaucoma.
  
- v) Herberts pit is seen in
  - a) Trachoma
  - b) Dacryocystitis
  - c) Meibomianitis
  - d) Keratitis.

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- vi) Bitots spot is seen in
- |                         |                         |                          |
|-------------------------|-------------------------|--------------------------|
| a) superior conjunctiva | b) inferior conjunctiva |                          |
| c) temporal conjunctiva | d) medial conjunctiva.  | <input type="checkbox"/> |
- vii) Keratorefractive surgery is
- |              |                   |                          |
|--------------|-------------------|--------------------------|
| a) goniotomy | b) trabeculectomy |                          |
| c) LASIK     | d) SICS.          | <input type="checkbox"/> |
- viii) Riders are seen in
- |                         |                               |                          |
|-------------------------|-------------------------------|--------------------------|
| a) complicated cataract | b) lamellar /zonular cataract |                          |
| c) senile cataract      | d) chronic glaucoma.          | <input type="checkbox"/> |
- ix) Lens subluxation in Marfans syndrome
- |                    |                   |                          |
|--------------------|-------------------|--------------------------|
| a) infero temporal | b) infero medial  |                          |
| c) supero temporal | d) supero medial. | <input type="checkbox"/> |
- x) Anti-glaucoma drug is
- |                  |                  |                          |
|------------------|------------------|--------------------------|
| a) ciprofloxacin | b) cyclosporine  |                          |
| c) dorzolamide   | d) tetracycline. | <input type="checkbox"/> |
- xi) Timolol maleate is not given in
- |             |                  |                          |
|-------------|------------------|--------------------------|
| a) diabetes | b) hypertension  |                          |
| c) asthma   | d) peptic ulcer. | <input type="checkbox"/> |

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**GROUP - B**

**( Short Answer Type Questions )**

Write short notes on any *three* of the following.

3 × 5 = 15

2. Vernal conjunctivitis
3. Viral keratitis.
4. Phacolytic glaucoma.
5. After-cataract.
6. LASIK.

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5

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* questions.



3 × 15 = 45

7. Ptosis — define, classify, clinical features, assessment and management. 2 + 3 + 3 + 4 + 3
8. Discuss the clinical features & management of Primary angle closure glaucoma. 8 + 7
9. Elaborate the clinical features complications, causes & management of Acute anterior uveitis. 4 + 4 + 3 + 4
10. How will you investigate & treat a case of Epiphora ? What advice would you give to the mother ? 7 + 5 + 3
11. Classify cataracts. Discuss the stages of cortical cataract and the management. 4 + 6 + 5

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END