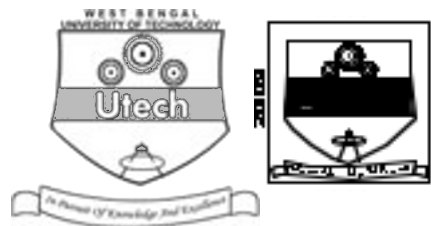


# PUBLIC HEALTH & COMMUNITY OPTOMETRY ( SEMESTER - 6 )

CS/B.OPTM/SEM-6/BO-602/09



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-6/BO-602/09

ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE - 2009

## PUBLIC HEALTH & COMMUNITY OPTOMETRY ( SEMESTER - 6 )

Time : 3 Hours ]

[ Full Marks : 70

### INSTRUCTIONS TO THE CANDIDATES :

1. 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.
2. a) In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.  
b) 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.
3. **Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.
4. Read the instructions given inside carefully before answering.
5. You should not forget to write the corresponding question numbers while answering.
6. 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.
7. **Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**
8. 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**.
9. 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

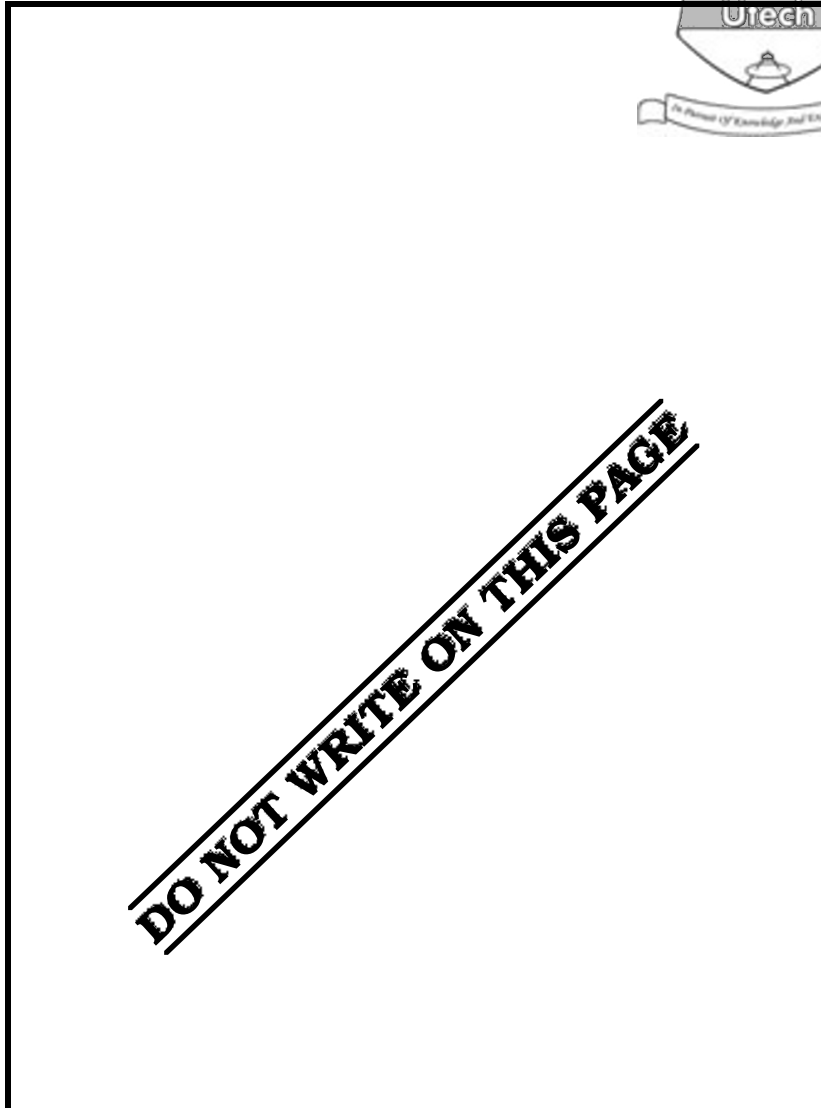
Group – B

Group – C

Question Number																				Total Marks	Examiner's Signature
Marks Obtained																					

Head-Examiner/Co-Ordinator/Scrutineer

6697 (05/06)





**ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE - 2009**  
**PUBLIC HEALTH & COMMUNITY OPTOMETRY**  
**SEMESTER - 6**



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) Morbidity indicators are all, *except*
  - a) incidence
  - b) prevalence
  - c) notification rates
  - d) none of these.
  
- ii) Sullivan's Index is
  - a) Health adjusted life expectancy
  - b) Disability adjusted life year
  - c) Expectation of life free of disability
  - d) None of these.
  
- iii) Human Development Index consists of all *except*
  - a) Life expectancy at birth
  - b) Adult literacy rate
  - c) Income
  - d) Life expectancy at age one.
  
- iv) Functions of a multipurpose health worker are all *except*
  - a) Registration of pregnant women
  - b) Distribution of iron and folic acid tablets
  - c) Vaccination to newborn infants
  - d) Attending to patients in outdoor.

**6697 (05/06)**



- v) All are included under ESI benefits *except*
  - a) Medical benefit
  - b) Disablement benefit
  - c) Redeployment benefit
  - d) None of these.
  
- vi) Which of the following is an example of secondary care level ?
  - a) Community health centres
  - b) Primary health centres
  - c) Medical college hospitals
  - d) None of these.
  
- vii) At the PHC level, the total number of staffs is
  - a) 15
  - b) 20
  - c) 23
  - d) None of these.
  
- viii) Common causes of eye pain includes all of the following *except*
  - a) Corneal foreign body
  - b) Chalazion
  - c) Acute Anterior uveitis
  - d) Herpes zoster.
  
- ix) During removal of corneal foreign bodies the lignocaine drops to be used, should be
  - a) 0.05%
  - b) 2.0%
  - c) 4.0%
  - d) 10.0%.
  
- x) Out of the following, example of a Tertiary Care Eye Hospital is
  - a) Uluberia P.H.C.
  - b) E.S.I. Hospital, Durgapur
  - c) Sankara Nethralaya, Chennai
  - d) XYZ Laser Diagnostic Centre.
  
- xi) All the following are areas of importance under Vision 2020 Programme *except*
  - a) Reduction in cataract blindness
  - b) School eye health check-up
  - c) Detection of glaucoma
  - d) Orthoptic check-up of school children.

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**GROUP – B**

**( Short Answer Type Questions )**

Write short notes on any *three* of the following



3 × 5 = 15

2. Vision 2020.
3. Central Government Health Scheme.
4. Primary Health Care in India.
5. Benefits of ESI.
6. Health Insurance.

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* questions.

3 × 15 = 45

7. Mention the common causes of "watering" from the eyes of pediatric and adult patients. Give outline of plan of management of pediatric and adult patients complaining of "watering of eyes".  $7 \frac{1}{2} + 7 \frac{1}{2}$
8. What do you understand by resources in health care ? Explain. 15
9. The revised NPCB programme envisages a shift from the 'Eye Camp' approach to a 'Field Facility' surgical approach and from 'ICCE' to 'ECCE with PCIOL' approach. Discuss the revised NPCB programme with reference to the above statement. 15
10. Describe the importance of the role played by optometrists, in the Global effort to reduce "Preventable Blindness" under NPCB. 15

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END