	Utech
Name:	
Roll No.:	Carrier of Sampling and Experient
Invigilator's Signature :	

CS/B.OPTM/SEM-6/BO-602/2013 2013

PUBLIC HEALTH & COMMUNITY OPTOMETRY

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.

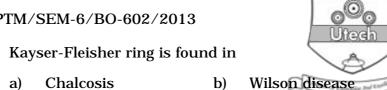
GROUP - A(Multiple Choice Type Questions)

- 1. Choose the correct alternatives for any ten of the following : $10\times 1=10$ i) The most common cause of global blindness is a) Cataract b) Glaucoma
 - c) Trachoma d) Diabetic retinopathy.
 - ii) DBCS is the part of
 - a) NPCB programme b) ESI scheme
 - c) CGHS d) VISION.
 - iii) ESI ACT came into force in the year of
 - a) 1976 b) 1984
 - c) 1950 d) 1954.

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iv)



- both (a) and (b) d) Siderosis bulbi. c)
- v) Berlin's oedema occurs due to
 - a) Blunt injury b) perforating injury
 - thermal burn d) chemical injury. c)
- Pain occur in all except
 - chalazion a) Stye b)
 - infective keratitis d) iridocyclitis. c)
- Vision 2020 is an initiative to
 - a) control AIDS related blindness
 - b) control cataract blindness
 - reduce preventable blindness c)
 - control blindness in school children. d)
- viii) All are subject matter of global initiative "Vision 2020" except
 - school children's eye examination a)
 - b) diabetic retinopathy
 - blindness due to trachoma c)
 - d) blindness due to tuberculosis.
- ix) Which of the following is not included in the different concepts of Public health?
 - Holistic concept a)
- **Indemnity concept** b)
- **Ecological concept** Physiological concept. c) d)

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- x) In free cataract operation camps under the vision 2020 programme most of the surgeries done are
 - a) ECCE
 - b) SICS + IOL
 - c) Phaco + Foldable IOL
 - d) Phaco + Multifocal IOL.
- xi) Commonest medication used before removal of corneal foreign body is
 - a) Proparacaine
- b) Cocaine
- c) Amethocaine
- d) bupivacaine.

GROUP - B

(Short Answer Type Questions)

Answer any three of the following.

- $3 \times 5 = 15$
- 2. How to differentiate between an Immature cataract and a mature cataract ?
- 3. Investigation & management of a "watering eye"
- 4. Secondary health care
- 5. Multipurpose health worker.

GROUP - C (Long Answer Type Questions)

Answer any three of the following. $3 \times 15 = 45$

- 6. Tertiary eye care is definitely needed, but primary eye care services are the backbone of a good health care service. Discuss.
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- Small incision Cataract Surgery (SICS) + IOL is suitable for large volume cataract surgeries under the vision 2020 programe. Discuss.
- 8. a) Discuss the role of an alert, well trained optometrist in preventing blindness during eye check up camps.
 - b) Acute decryocystitis is a painful condition. Discuss the management of such a case. $7\frac{1}{2} + 7\frac{1}{2}$
- a) The facility of Health Insurance has been beneficial for the public. Discuss the objectives, facilities, limitations of Health Care Insurance.
 - b) Discuss the role of TPA in Health Care Insurance.

 $7\frac{1}{2} + 7\frac{1}{2}$

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