



Name : .....

Roll No. : .....

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

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

**GROUP - B**

**( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

- How to differentiate between an Immature cataract and a mature cataract ?
- Investigation & management of a "watering eye"
- Secondary health care
- Multipurpose health worker.

**GROUP - C**

**( Long Answer Type Questions )**

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

- 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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7. 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.
9. 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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