



Name :

Roll No. :

Invigilator's Signature :

**CS/B.OPTM/SEM-6/BO-602/2010
2010**

PUBLIC HEATH & 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) What are the different types of health care systems available in India ?
- a) Primary health care b) Secondary health care
c) Tertiary health care d) All of these.
- ii) 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.

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- iii) Who is not considered as a part of the vision care team, under the Vision 2020 Programme of W.H.O. ?
- a) Optometrist b) Ophthalmologist
- c) Social scientist d) PHC health worker.
- iv) The essential pre-requisite for the evaluation of any disease control programme is
- a) Surveillance b) Insurance
- c) Screening d) all of these.
- v) Before cataract surgery a classical retrobulbar block is given for all, *except*
- a) to dilate the pupil
- b) for akinesia
- c) for anesthesia
- d) for preventing infection.
- vi) Commonly used intraocular lens, for insertion in the posterior chamber after cataract surgery in a free eye camp set-up is
- a) restore lens
- b) foldable lens
- c) multi-piece J-loop lens
- d) single piece lens.



- vii) An acute painful red eye is caused by all, *except*
- a) acute anterior uveitis
 - b) open angle glaucoma
 - c) angle closure glaucoma
 - d) absolute glaucoma.
- viii) Symblepharon occurs due to
- a) Blunt injury
 - b) Chemical injury
 - c) Perforating injury
 - d) Thermal injury.
- ix) During retrobulbar block injection, all of the following may be used, *except*
- a) Lignocaine
 - b) Bupivacaine
 - c) Amethocaine
 - d) Hyaluronidase.
- x) "Berlin's oedema" refers to
- a) corneal oedema
 - b) hydration of crystalline lens
 - c) retinal oedema
 - d) macular oedema.
- xi) 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.
- xii) Kayser-Fleisher ring is found in
- a) Chelcosis
 - b) Wilson's disease
 - c) both (a) and (b)
 - d) Siderosis bulbi.



GROUP – B

(Short Answer Type Questions)

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

3 × 5 = 15

2. World Council of Optometry.
3. Third party administrator.
4. Management of a case of acute dacryocystitis presenting with severe pain, watering, swelling of face.
5. "Double eversion technique" to remove a foreign body present in the upper fornix of the right eye of a patient.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. 3 × 15 = 45

6. Small Incision Cataract Surgery (SICS) is a safe, effective, quick surgical technique suitable for doing large volume cataract surgery and produces excellent surgical results. Discuss.
7. Tertiary eye care services are definitely needed but primary eye care services are the backbone of a good health care service.
8. Mention three important conditions which may cause an acutely painful, red eye. Discuss any one in detail (signs, symptoms, management).
9. "During routine screening at eye camps, an alert well trained optometrist may be able to detect and save from blindness many people with preventable causes of blindness." Explain the statement.