

Name :

Roll No. :

Invigilator's Signature :

**CS/B.OPTM/SEM-5/BO-504/2009-10
2009**

**OCULAR DISEASE – II
(POSTERIOR & NEURO-EYE DISEASE)**

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) A.I.O.N. (Anterior Ischaemic Optic Neuropathy)
classically results from occlusion of arteries.
 - a) long posterior ciliary arteries
 - b) short posterior ciliary arteries
 - c) posterior communicating arteries
 - d) none of these.
 - ii) type of optic disc atrophy is commonly
seen classically in retinitis pigmentosa.
 - a) Primary
 - b) Post-neuritic
 - c) Consecutive
 - d) Ischaemic.
 - iii) In Retinopathy of Prematurity (R.O.P.) “ridge formation
with fibrovascular proliferation” is found in
 - a) stage 1
 - b) stage 2
 - c) stage 3
 - d) stage 4 (a).

55733

[Turn over

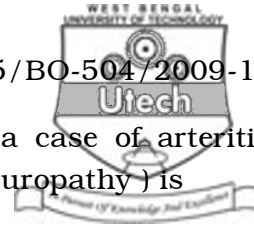
CS/B.OPTM/SEM-5/BO-504/2009-10



- iv) In early to moderate stage of retinitis pigmentosa, the classical field defect is
- a) central scotoma
 - b) peripheral ring scotoma
 - c) enlargement of blind spot
 - d) nasal step defect.
- v) Retinitis pigmentosa, associated with hypogonadism, polydactyly and mental retardation is found in
- a) Usher's syndrome
 - b) Cockayne's syndrome
 - c) Lowe syndrome
 - d) Laurence-Moon-Biedl syndrome.
- vi) Classical FFA appearance in a case of CSR (Central Serous Retinopathy) is called appearance.
- a) flower petal
 - b) flower leaf
 - c) honeycomb
 - d) smoke stack.
- vii) In Argyle-Robertson pupil the accommodation is
- a) present
 - b) absent
 - c) delayed
 - d) equal to light reflex.
- viii) Smell of formaldehyde in breath is found (in cases of toxic Amblyopia) due to poisoning.
- a) ethambutol
 - b) methyl alcohol
 - c) ethyl alcohol
 - d) raised cyanide level in blood due to smoking of tobacco.

55733

2



- ix) Typical visual field defect found in a case of arteritic A.I.O.N. (Anterior Ischaemic Optic Neuropathy) is
- a) binasal hemianopia
 - b) altitudinal hemianopia
 - c) macular sparing homonymous hemianopia
 - d) none of these.
- x) is the classical sign of a case of pre-proliferative diabetic retinopathy.
- a) Hard exudates
 - b) Hard exudates, forming circinate ring
 - c) soft (cotton wool) exudates
 - d) neovascularisation on optic disc.
- xi) In myasthenia gravis, during a diagnostic test, we use a drug called
- a) carbamazepine b) edrophonium
 - c) piperazine citrate d) azathioprim.
- xii) is an example of demyelinating disease.
- a) Myasthenia b) Eales disease
 - c) Multiple myeloma d) Multiple sclerosis.

GROUP – B

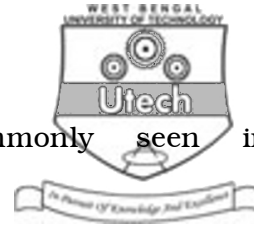
(Short Answer Type Questions)

Write short notes on any *three* of the following. 3 × 5 = 15

- 2. Nystagmus
- 3. Malignant hypertension (with features of hypertensive retinopathy)
- 4. Rhegmatogenous retinal detachment

CS/B.OPTM/SEM-5/BO-504/2009-10

5. Arteriovenous crossing changes commonly seen in hypertensive retinopathy
6. Pupil sparing third (IIIrd) cranial nerve palsy.



GROUP – C

(Long Answer Type Questions)

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

7. What do you mean by the term 'Phakomatoses' ? Name three conditions included under this term. Describe the clinical features, complications and management of Sturge- Weber syndrome. $5 + 10$
8. Describe the origin, course (in brief) and clinical features of a sixth (VIth) cranial nerve palsy. 15
9. Describe the clinical features, investigations, complications and management of a case of ischaemic CRVO.
10. a) What is retinoblastoma ?
b) Name the various stages, giving one typical finding of that stage.
c) Mention your plan of management of such a case, in a boy aged two years.
d) What is the role of genetic counseling in these patients ? $3 + 4 + 4 + 4$
11. As an optometrist, describe any five tests, that you will use to establish, that a patient is malingering (pretending falsely to have poor vision in one eye). $5 \times 3 = 15$