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Name :	(A)
Roll No.:	Street (y' Exercisings 2nd Explaints
Invigilator's Signature :	

CS/B.OPTM/SEM-2/ BO-203/2012 2012 ANATOMY (OCULAR)

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 th	ie correct	alternatives	for	the	following	:
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 $10 \times 1 = 10$

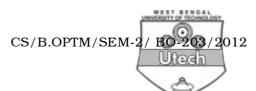
- i) Ghost vessels are found in a) Cornea b) Conjunctiva d) c) Crystalline lens Sclera. Superior Oblique muscle is supplied by which nerve? ii) Oculomotor b) Trochlear a)
 - c) Trigeminal d) Abducens.
- iii) Lateral Rectus muscle is supplied by artery.
 - a) Ophthalmic artery
 - b) Ophthalmic and Lacrimal artery
 - c) Palpebral artery
 - d) Infraorbital artery.

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- iv) Cornea is developed from
 - a) Surface ectoderm
 - b) Mesoderm
 - c) Endoderm
 - d) Neuroectoderm.
- v) Thinnest bone is
 - a) Zygomatic
- b) Ethmoid
- c) Sphenoid
- d) Lacrimal.
- vi) Patellar Fossa is also known as
 - a) Berger's space
 - b) Space of gold man
 - c) Weiger's space
 - d) None of these.
- vii) The Sensory nerve supply to iris is by
 - a) nasociliary nerve
 - b) oculomotor nerve
 - c) cervical sympathetic chain
 - d) none of these.



- viii) The lacrimal gland is located in the part of the roof of the orbit.
 - a) antero lateral
- b) antero medial

c) lateral

- d) medial.
- ix) All are contents of the orbit except
 - a) Ciliary ganglion
 - b) Retrobulbar fat
 - c) First two divisions of Vth nerve
 - d) Branches of ophthalmic division of trigeminal nerve.
- x) layer of retine consists of Nuclei of bipolar, horizontal and amacrine cells.
 - a) Ganglion cell layer
 - b) Outer nuclear layer
 - c) Nerve fibre layer
 - d) Inner nuclear layer.

GROUP - B

(Short Answer Type Questions)

Write short notes on any three of the following.

 $3 \times 5 = 15$

- 2. Central region of retina.
- 3. Glands of the eyelids.
- 4. Attachments of vitreous humour.
- 5. Circle of Willis.
- 6. Lateral geniculate body.

GROUP - C

(Long Answer Type Questions)

Answer any three of the following.

- $3 \times 15 = 45$
- 7. Draw a labelled diagram of the lacrimal apparatus a) showing the various parts (description not needed).
 - Discuss the origin, insertion and the various parts of b) Levator palpebrae, superioris (LPS) muscle. Mention its nerve supply.

What is the result of paralysis of LPS muscle? 5 + 10

- Name the various foramina in the orbit and mention the 8. structures passing through these.
- 9. Milestones in development of the eye. Discuss. a)
 - b) Discuss the structure and function of Ciliary body.

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10. Draw a labelled diagram and briefly describe the role of the various structures found in the angle of the anterior chamber.

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