

P40/HSC110/EE/20160518

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Write down the dimension of adult eye ball with appropriate diagram. 5
 - b) Explain anatomy of sclera in short. 5
 - c) Draw a diagram showing conventional aqueous outflow system. 5
 - d) Describe Lacrimal drainage system. 5
 - e) Write a short note on Medial rectus. 5

2. Solve any **four** sub-questions.
 - a) Write a short note on layer of cone cells. 5
 - b) Draw labelled diagrams showing any three visual field defects. 5
 - c) Explain - Presbyopia in short. 5
 - d) Explain microscopic structure of crystalline lens. 5
 - e) Explain Nerve supply of extra - ocular muscle. 5

3. Solve any **four** sub-questions.
- a) Write a note on anatomy of corneal endothelium. 5
 - b) Write a short note on corneal metabolism. 5
 - c) Write a short note on iris stroma. 5
 - d) Write a short note on vascular coat of eyeball. 5
 - e) Define IOP. What is its normal range? Add a note on its importance. 5
4. Solve any **four** sub-questions.
- a) Explain aqueous humour dynamics. 5
 - b) Explain in short glands of conjunctiva. 5
 - c) Explain various cycloplegic drugs used in eye OPD. 5
 - d) Write a short note on classification of bacteria. 5
 - e) Write a short note on LPS muscle. 5

