

P26/HSC137/EE/20160519

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 a short note on Achromatopsia. 5
 - b) Write a short note on lens transparency. 5
 - c) Write a short note on Color vision. 5
 - d) Explain lesions of optic radiations. 5
 - e) Write any 5 stimuli for accommodation. 5
2. Solve any **four** sub-questions.
 - a) Describe in short-tear film dynamics. 5
 - b) Describe physiology of eyelid movements. 5
 - c) What is Tonometry? Add a note on its important? 5
 - d) Explain in brief physiology of vision. 5
 - e) How eyeball reacts to incident light rays? 5

3. Solve any **four** sub-questions.
- a) Explain the term corneal avascularity. 5
 - b) Write a short note on corneal metabolism. 5
 - c) Explain in brief protective mechanism present in eyeball against micro-organic infections. 5
 - d) Draw a diagram showing Gullstrand mechanical model of accommodation. 5
 - e) Write any five advantages of binocular vision. 5
4. Solve any **four** sub-questions.
- a) What is blow out fracture? 5
 - b) Write a short note on interpretation of consensual light reflex test. 5
 - c) Write a short note on stereopsis. 5
 - d) What is amblyopia? 5
 - e) Explain blood aqueous barrier in short. 5

