

P40/HSC114/EE/20160523

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.
-

1. Solve any **four** sub-questions.
 - a) How will you take care of optics of slit lamp? 5
 - b) Explain how will maintain optical parts of self-illuminated retinoscope. 5
 - c) Explain in short various parts of Schiötz tonometer? 5
 - d) How will you clean phaco probe? 5
 - e) Write in detail about sterilization of OT complex. 5

2. Solve any **four** sub-questions.
 - a) Explain maintenance of torch. Explain its uses. 5
 - b) Write in detail about cleaning of Schiötz and Applanation tonometer. 5
 - c) Which is the best sterilization procedure for any surgical instrument? 5
 - d) Enlist some instruments used in cataract surgery. 5
 - e) Explain the filters available in slit lamp biomicroscope. 5

3. Solve any **four** sub-questions.
- a) Explain terms : 5
 - i) Scrubbing
 - ii) Hand wash
 - b) Enlist various chemicals used for sterilization of OT instruments. 5
 - c) Enlist some instruments used in glaucoma surgery. 5
 - d) Explain how will you clean optical system of operating microscope. 5
 - e) Explain Autoclave. 5
4. Solve any **four** sub-questions.
- a) Write about methods of dry sterilization. 5
 - b) Explain optics of direct ophthalmoscope. 5
 - c) Write in detail about fumigation. And explain its procedure. 5
 - d) Enlist various blades used in Ophthalmic OT. 5
 - e) How will you lay down trolley for pterygium surgery. 5

