

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[LR 1220]**

**DECEMBER 2020  
(AUGUST 2020 EXAM SESSION)**

**Sub. Code: 1637**

**DIPLOMA IN OPHTHALMIC NURSING ASSISTANT**

**SECOND YEAR – (Regulation from 2014 -2015)**

**PAPER II – OPHTHALMIC SURGICAL PROCEDURES, OUTPATIENT  
PROCEDURES II, OCULAR INJURIES AND EMERGENCIES**

***Q.P. Code: 841637***

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Scrubbing, Gowning and Gloving methods.
2. Instruments and equipments maintenance and maintenance of Electrical Connections, Surgical Instruments, Microscope and Phaco Machine.
3. Fundus Fluorescein Angiography, Dye Fluorescein.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Name the instruments used in Cataract surgery.
2. Facial Block.
3. Types of sutures used in Ophthalmic surgery.
4. Corneal Topography.
5. Assisting in Incision and Drainage (I & D) of an Abscess.
6. Treatment of Alkali Burns to the Eye.
7. Principles and types of Gonioscopes.
8. Corneal Scraping.
9. Enumerate five Post operative emergencies after Cataract surgery.
10. Optical Coherence Tomography.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Types of Intra Ocular Lenses.
2. Name 4 instruments used in Lacrimal Sac surgery.
3. Name the type of Ocular Anesthesia.
4. Definition of Autoclaving.
5. Two uses of Optical Coherence Tomography.
6. Two uses of Lasers in Ophthalmology.
7. Name two uses of B-scan in Ophthalmology.
8. Assessment of Blood Glucose.
9. Retrobulbar Anesthesia.
10. Name two instruments used in Trabeculectomy.

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