

## Rajiv Gandhi University of Health Sciences

### Post-Graduate Fellowship Examination – FEB-2019

[Time: 3 Hours]

[Max. Marks: 100]

#### **CORNEA & EXTERNAL EYE DISEASES - PAPER – I**

QP Code: F041

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

#### **LONG ESSAY (These questions carry 20 marks each)**

**2 X 20 = 40 Marks**

1. Discuss pathological response of cornea to injury.
2. A 45 year old female comes to hospital with 3mm perforation near the visual axis. Describe the management in this patient.

#### **SHORT ESSAY (These questions carry 10 marks each)**

**6 X 10 = 60 Marks**

3. Molecular genetics of corneal disease.
4. Corneal Ectasia-Prevention, detection and management.
5. Ocular flora and its role in infection.
6. Phacoemulsification and endothelial keratoplasty.
7. Tear composition and its function.
8. Immunologically high risk penetrating keratoplasty.

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