

M.S. (OPHTHALMOLOGY) : WINTER - 2017
SUBJECT: OPHTHALMOLOGY
PAPER – I: ANATOMY, PHYSIOLOGY, OPTICS AND BASIC SCIENCES

Day: **Saturday**
Date: **02/12/2017**

W-2017-3353

Time **2.00 P.M. TO 5.00 P.M**
Max. Marks: 100

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
-

Q.1 Describe the factors involved in corneal transparency. Discuss the etiopathogenesis of bullous keratopathy. (15)

Q.2 Describe the blood supply of the optic nerve. Write a note on the applied anatomy. (15)

Q.3 Write short notes on any **SEVEN** of the following: (70)

- a) Uses of prisms in ophthalmology
- b) Histopathology of choroidal melanoma.
- c) Goniolenses.
- d) Optics of 90D lens with its uses, advantages and disadvantages.
- e) Prostaglandin Analogues.
- f) Describe the tear film in brief. Discuss the methods of tear films assessment.
- g) Draw a diagram of the Sturm's conoid. Add a note on aspheric lenses.
- h) Anomalies of BSV.

* * *