

**M. S. (Ophthalmology) : WINTER - 2021**  
**SUBJECT : PAPER – IV : RECENT ADVANCES IN OPHTHALMOLOGY**

Day : Monday Time : 1:30 P.M. TO 4:30 P.M.  
Date : 20-12-2021 Max. Marks : 100  
W-2021-765

**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** Discuss various treatment options in a case of keratoconus. **(15)**

**Q. 2** Discuss various advances in diagnosis and management of dry eye disease. **(15)**

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

- a) Artificial Cornea.
- b) Indications, procedure, advantages and disadvantages of chemo reduction for a case of retinoblastoma.
- c) SMILE.
- d) Role of PCR in diagnosis of ophthalmic conditions.
- e) Anti VEGFs.
- f) OCTA.
- g) Role of stem cells in ophthalmology.
- h) Phakic JOLs.

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