Third Year B.Sc Optometry Degree Regular Examinations August 2019

Contact lens

(2016 Scheme)

Time: 2 hrs   **Max marks: 40**

- **Answer all questions**
- **Draw diagram wherever necessary**

Essay   **(10)**

1. Write in detail about indications and contraindications of contact lens use. Add a note on ideal contact lens material properties.

Short notes   **(3x5=15)**

2. Initial patient work up before contact lens fitting

3. Therapeutic contact lens

4. Contact lens related papillary conjunctivitis

Answer briefly   **(5x2=10)**

5. Oxygen permeability

6. Disadvantages of PMMA

7. Types of bifocal contact lenses

8. Contact lens versus spectacles

9. Properties of contact lens solutions

One word answer   **(5x1= 5)**

10. Name the scientist who invented HEAMA

11. Fluorescin pattern shows thick central pooling; name the type of RGP fit.

12. What are LARS and CAAS

13. Write suitable contact lens power of this prescription. +7.0 DS vertex distance 12mm.

14. Write spherical equivalent of -2.00DS/-2.00 DC x 180

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