Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Optometry Degree Examination – 02-Nov-2026

Time: Three Hours **Max. Marks: 100 Marks**

CONTACT LENS (RS-4)
Q.P. CODE: 3352

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice) **2 x 10 = 20 Marks**

1. FDA classification of contact lenses, give two examples for each group. For a patient with dry eye which FDA group of contact lens is suitable and why?
2. Enlist RGP contact lens materials. Explain the static fit assessment in RGP lenses

   OR

   Write in detail about soft contact lens care and maintenance

SHORT ESSAYS (Question No 5 & 10 choice) **10 x 5 = 50 Marks**

3. Enlist different methods of chemical disinfection. Write about H_2O_2
4. Describe briefly about solution hypersensitivity
5. Explain different contact lens material available for children

   OR

   Define Keratometry. Write uses of Keratometry in contact lens fitting
6. Explain different contact lens wearing modalities
7. Explain SMILE complication
8. Describe multifocal contact lens
9. Explain empirical method and trial and error method fitting of contact lens
10. Explain preliminary evaluation for contact lens

    OR

    Indications and contraindications of contact lens use
11. Explain about the therapeutic contact lenses
12. Sign's and management of CLPC

SHORT ANSWER **10 x 3 = 30 Marks**

13. Types of contact lenses used in keratoconus patients
14. What is oxygen permeability and transmissibility?
15. Name the deposits on soft contact lens
16. What is a multi-purpose solution?
17. Any three conjunctival complications of contact lenses
18. Causes of decentration of soft contact lens
19. Indications for toric contact lens
20. What is Hybrid contact lens?
21. Advantages of Contact lens over spectacle
22. Types of lenses available for presbyopic patients

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