

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Optometry Degree Examination - 22-Nov-2024

Time: Three Hours

Max. Marks: 80

DISPENSING OPTOMETRY OCCUPATIONAL OPTOMETRY
SECTION A – DISPENSING OPTOMETRY (40 MARKS)
(REVISED SCHEME – 3)
Q.P. CODE: 3125

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note : Both QP Codes 3125 and 3126 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Explain various frame manipulation techniques
2. A 55-year-old woman came for eye checkup who was found not having any exposure of wearing spectacle before and her refraction is as follows:
RE: +1.00 DS / + 2.00 DC x 20
LE: + 2.50 DC x 170
NV add: +2.25 DS (OU)
Explain the choice of spectacle lens and frame selection and the method of dispensing in this patient
3. Explain the various types of facial measurements required for frame selection

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

4. Describe the lens faults detected by shadowing techniques
5. Describe the factors involved in spectacle lens dispensing
6. Explain advantage of plastic lenses over glass lenses

SHORT ANSWERS

5 x 2 = 10 Marks

7. Define layout card and its significance
8. List the important frame markings
9. Define glazing
10. Pantoscopic tilt
11. Define lens scratch and its remedies
