

Third Year B.Sc Optometry Degree Supplementary Examinations
April 2024

Low Vision aid, Dispensing Optics and Mechanical Optics
(2016 Scheme)

Time: 2 hrs

Max marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay (10)

1. Write in detail about various faults in spectacle lenses. Write about various techniques to evaluate lens faults.

Short notes (3x5=15)

2. List any five spectacle repairing tools with its uses.
3. Frame selection for different facial shapes.
4. Classify different optical low vision aids.

Answer briefly (5x2=10)

5. How will you differentiate Galilean and Keplerian telescope
6. Properties of titanium frame material
7. Amsler grid chart
8. Uses of a lensometer for quality check in an optical outlet
9. Name four disorders which can lead to central field loss

One word answer (5x1= 5)

10. Drop ball test is used to assess.....
11. technique is used to do refraction in low vision patients.
12. bifocal has least image jump
13. Four point touch is used to verify
14. Age Related macular degeneration will lead to visual field defect.
