

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams wherever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Explain different types of ophthalmic filters and tints.
2. Frame dimensions and lens dimensions.
3. Tinted and protective lenses.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Spectacle verification.
5. IPD and its importance.
6. Glass versus plastics.
7. Ghost images.
8. Vertex power and vertex distance.
9. Toric transposition.

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Write briefly on the following:

10 X 3 = 30

10. Trifocal lenses.
11. Types of glazing.
12. Sag formula.
13. Simple transposition with example.
14. Define Prism and give the units of prism power.
15. Crutch Spectacles.
16. Mirror coating.
17. What is DBL and A-size?
18. Mention few safety goggles.
19. ARC principle.
