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## 2023

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d) to a action of a total catality of poor too of action.	refractive index of crown glass is	High index lenses are	The thick portions of prism are called	Refractive index of CR39 IS	Soft design has a corridor.	type of temple goes straight over the ear.	Power of lens is measured in	Material used primarily for sportswear is	In lens form, the front surface is convex and the back surface is concave.	Fill in the blanks: [1X10=10]	Answer all questions	The figures in the margin indicate full marks for the questions	Full Marks – 80 Time – 3 Hours	

- f) properties of prism Aberrations
- prentice rule
- 3) Transpose the following in alternate form:

[2X3=6]

a) -3.00DS/+2.75DCx 100

b) +2.00DS/ -4.00DCx 40

4) Toric transposition: c) +1.50DS/ +1.00DCx160

+3.00DS/+1.00DC x90, Base curve=-6DS

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5) Answer any three of the following:

a) What is lensometer? Write the procedure for determining the prescription with a lensometer. [10X3=30]

Discuss in details about different frame materials.

Discuss in details about hand neutralization of lens.

d) Define prisms. Explain about various nomenclatures of prisms.

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(SS/BOPT-I/DOP-I/08-23)

**d**) 0 9

Astigmatic lenses

Different types of temples with diagram

PALs markings

Effective power