

OPHTHALMOLOGY

PAPER -IV

Please read carefully the important instructions mentioned on Page '1'

PART B

6. What is Scheimpflug's principle? How is it useful in Ophthalmology? Name the appliance which uses this principle. 4+4+2
7. To establish an ocular microbiology lab, which all medias will be needed? Name the diseases in which each of these media are useful? 6+4
8. What are viscoelastics? How do you classify them? Briefly give the indications of each and their side effects. 1+3+(4+2)
9. Describe the pupillary pathway of the eye. Write in brief about the lesions in light near dissociations and its implications. 5+5
10. What is a cross cylinder? Where all is it used during refractions? How can you create a cross cylinder by using lenses from the trial set, please explain giving an example. 2+4+4

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