

The West Bengal University of Health Sciences
M.S (Ophthalmology) July - August, 2021 Examination

Paper: I

Full Marks: 100

Time: 3 hours

Attempt all questions

1. Briefly describe the theory of perception of colour by the eye. What are the different methods to assess colour vision of a person ? 5+5
2. Draw a diagram of the different muscles and ligament attached to the eyelids and briefly describe their function. 5+5
3. Draw a diagram of the superior orbital fissure showing the structures passing through it. 10
4. Briefly describe the formation of aqueous humor and its outflow. 10
5. Briefly describe the arterial supply and venous drainage of the eyeball. 10
6. What are the different types of ocular viscoelastic devices. Briefly discuss their use. 10
7. Briefly discuss the advantages and disadvantages of various routes of drug administration in ophthalmology. 10
8. Classify antifungal drugs. Briefly describe the various route of administering antifungal drugs in mycotic keratitis. 5+5
9. What is the mechanism of tear secretion ? Briefly describe the function of components of tear film. 5+5
10. What are the different peripheral degenerations of the retina and their applied importance ? 10