

VITREO RETINAL SURGERY

THEORY PAPER

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.

Each question carries 10 marks.

Write short notes on:

1. Polypoidal Choroidal Vasculopathy (PCV): Clinical presentation, diagnosis and management. 2+4+4
2. Myopic tractional maculopathy: Clinical presentation, diagnosis and management 2+3+5
3. Minimally invasive Vitreo-Retinal Surgery: Development, instrumentation and advantages. 3+4+3
4. Name the common mutations in Retinitis Pigmentosa, Leber's Congenital Amaurosis, Stargardt disease and Best disease. Discuss role of gene therapy in retinal diseases. 3+7
5. Primary Vitreo-Retinal lymphoma: Clinical presentation, investigations and special diagnostic techniques 3+3+4
6. Describe the stages of Retinopathy of Prematurity. Describe role of anti-VEGF and laser in ROP. 2+4+4
7. Enumerate with diagram the Lincroft's rules for Rhegmatogenous Retinal Detachment (RD). Compare role of various vitreous substitutes in RD. 3+7
8. Proliferative Vitreo-Retinopathy (PVR) – Classifications, surgical management and prevention of PVR. 3+4+3
9. Proliferative diabetic retinopathy : Diagnosis and management. 3+7
10. Enumerate causes of Retinal vasculitis. Discuss diagnosis, complications and management of BRVO. 2+(2+3+3)

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