

**NEUROVASCULAR INTERVENTION**  
**THEORY PAPER****Time : 3 hours****Max. Marks : 100****Attempt all questions in order.  
Each question carries 10 marks.****Write short notes on:**

1. Describe the growing role of imaging and image-guided treatment in the management of patients with acute ischemic stroke. 10
2. Describe “collaterals” in the brain and their role in vascular intervention and outcome. 10
3. Describe the endovascular treatment in distal occlusion in AIS. 10
4. Describe the definite indications and benefits of coiling versus clipping for aneurysmal SAH. 10
5. Describe the recent Cochrane Review of Carotid Artery Angioplasty and Stenting (CAS) vs Carotid Endarterectomy (CEA) for carotid artery stenosis. 10
6. Describe premicrosurgical embolization of AVMs. What are the different embolic agents used? 10
7. Describe coil dislodgement and embolization and enumerate the reasons. 10
8. What is hyperperfusion syndrome? How do you manage? 10
9. Describe the Late-Time window trials for EVT. 10
10. Describe the endovascular treatment for cerebral vasospasm following aneurysmal SAH. 10

\*\*\*\*\*