



PERIPHERAL VASCULAR SURGERY

PAPER – I

PVS/D/14/33/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Collateral circulation around the hip with labeled diagram(s). 10
2. Medical management for peripheral arterial occlusive disease. 10
3. a) Meta analysis 5+5
b) Vein mapping
4. Etiopathogenesis of venous ulcer and the role of compression therapy in its management. 5+5
5. Principle and clinical application of transcutaneous oxygen tension recording. 5+5
6. Pathogenesis, clinical manifestation and management of ischaemic reperfusion injury. 3+3+4
7. Tests/modalities for monitoring status of therapeutic anticoagulation. 10
8. a) Role of prostaglandins in vascular surgery. 5+5
b) An Ideal graft.
9. Atherosclerotic risk factors and the importance of lipid status in PVD. 4+6
10. CO₂ angiography - clinical application and advantages & disadvantages. 5+5
