

PERIPHERAL VASCULAR SURGERY

PAPER - III

PVS/D/13/33/III

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.

1. What are the effects of statin therapy? What are the statins available in India? What is the role of statin therapy before vascular surgery and after vascular surgery in peripheral vascular disease patients? 3+2+5
2. What is the role of fenestrated grafts in treating the complex aortic aneurysms? What are the early and late clinical outcomes after using the fenestrated grafts and compare them with the open repair results? 5+5
3. Describe different forms of inflammatory vascular diseases (vasculitides) and classify them? What is the role of PET-CT Scan in these cases? Compare this with other forms of imaging. 5+3+2
4. Describe the 'Cerebral Protection Devices (CPDs)' and their use in Carotid Angioplasty. What are the differences in the early and late clinical outcomes of carotid angioplasty with and without the use of CPDs? 5+5
5. What is the current status of Pharmaco-Mechanical-Thrombectomy for DVT treatment? Discuss few Pharmaco-Mechanical Thrombectomy devices. What is the role of adjunctive endovenous procedure? 4+3+3
6. Classify embolic materials used in embolization therapies for AV malformations and various malformations? Discuss the early and late clinical outcomes after embolization therapies. 5+5
7. A stent (10mm X40 mm) placed in the brachio-cephalic artery slipped and fell into abdominal aorta. How do you manage this patient and retrieve the stent? What are the other complications of arterial stents? 6+4
8. What are the Newer-Anticoagulants? What is their mechanism of action? What are their advantages and disadvantages? 3+3+4
9. What are the 'Newer-Wound therapies available? What is the role of 'NPWT' in infected dysvascular diabetic foot? How far the Angiosome concept is helpful in treating dysvascular diabetic foot? 3+4+3
10. How do you suspect and diagnose ruptured aortic aneurysm? Discuss and compare the open repair and Endo repair of ruptured aortic aneurysm? What are the early and late clinical outcomes of repair? 3+4+3