

PERIPHERAL VASCULAR SURGERY

PAPER – III

PVS/D/16/33/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.

Write short notes on:

1. a) How do you detect a patient with non-reconstructable peripheral vascular disease? 3+5+2
b) Treatment methods available for such patients.
c) Short term and long term outcomes with these therapies.
2. a) Role of fenestrated grafts in endovascular repair of aneurysm. 4+(4+2)
b) What are the short term and long term outcomes of these types of grafts? Are they cost effective?
3. a) Role of drug eluting stents and drug coating balloons in current vascular surgery practice. 4+3+3
b) What are their advantages and disadvantages?
c) What are the short term and long term outcomes of these products?
4. a) Role of foam sclerotherapy in the management of varicose veins. 3+3+4
b) Compare foam sclerotherapy with other methods of varicose vein therapies.
c) Complications of sclerotherapies and how do you prevent them.
5. a) Newer methods of treating non-healing ulcers in vascular surgery patients. 3+3+4
b) Compare them mentioning their advantages and disadvantages.
c) Negative pressure wound therapy in non healing diabetic wounds.
6. a) Role and duration of anticoagulation in cancer related venous thrombosis and pulmonary embolism. 4+3+3
b) What special precautions should be taken in cancer patients?
c) Role of IVC filter in current practice.

P.T.O.

PERIPHERAL VASCULAR SURGERY

PAPER – III

7. a) What are hybrid therapies in vascular surgery? 3+3+4
b) What are their advantages and disadvantages?
c) Compare the early and long term outcomes of hybrid therapies with open methods.
8. a) What is the association between lipid abnormalities and peripheral vascular surgery patients? 4+4+2
b) Role of high dose statin therapies in peripheral vascular surgery patients.
c) How long would you continue statin and why?
9. a) Importance of cerebral protection devices (CPDs) in carotid artery angioplasty? 3+4+3
b) Advantages and disadvantages of the CPDs in clinical practice.
c) What are the medical therapies advised to prevent the peri-procedural stroke during carotid angioplasty and stenting?
10. a) What is the role of stem cell therapies in vascular surgical practice? 4+3+3
b) How would you measure and image neovascuogenesis afterwards?
c) What are the risks in promoting neovascuogenesis?
