

PERIPHERAL VASCULAR SURGERY

PAPER – II

PVS/D/16/33/II

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) Causes for vascular trauma in lower limbs. 3+3+4
b) MESS Score and its relevance in vascular trauma.
c) How do you manage a case of popliteal artery occlusion associated with posterior knee joint dislocation?
2. a) Incidence of juxta-renal abdominal aortic aneurysm. 2+6+2
b) Management of leaking juxta-renal abdominal aortic aneurysm in a 70 year old man.
c) What are its short term and long term outcomes?
3. a) Classify the various types of vasculitis disorders. 4+3+3
b) How do you differentiate ischemia due to vasculitis from atherosclerosis?
c) Methods to image the vasculitis segments.
4. a) Causes for aneurysm of the femoral artery in the groin. 2+5+3
b) Management of pseudo-aneurysm of the femoral artery which developed 2 weeks after cardiac catheterization.
c) What precautions are advised to prevent this complication in the cardiac catheterization patients?
5. a) Causes for failure of arteriovenous fistula (AVF) created for hemodialysis. 3+4+3
b) How do you detect these before failure of the AVF?
c) Therapeutic measures to salvage these failing AVFs.
6. a) Etiopathogenesis of pulmonary embolism (PE) in surgical and medical patients. 3+3+4
b) How do you detect PE in hospitalized patients?
c) What are the treatments available in symptomatic and asymptomatic patients?

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7. a) Role and methods of thrombolytic therapies in peripheral vascular disease. 4+3+3
b) Outcomes of thrombolytic therapies in peripheral vascular disease.
c) Contraindications for thrombolytic therapies.
8. a) How would you investigate a 30 year old man, admitted in emergency room with fracture pelvis due to road side accident with suspected vascular injury? 5+5
b) He is profusely bleeding from the perforated wound connected with fracture. How will you manage him?
9. a) Classification of vascular malformation. 3+(2+2+3)
b) Clinical features, investigations and treatment option of arterio-venous malformation of the lower lumb.
10. a) Types of endovenous ablative measures for varicose veins. 4+3+3
b) Compare the outcomes of EVLT and RFA measures for varicose veins.
c) How do you compare the endovenous therapies with open surgeries in the short term and long term?
