

**VASCULAR SURGERY****PAPER-II**Time: 3 hours  
Max. Marks:100

VS/J/20/33/II

**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:**

- Enumerate the collateral circulation in second part of subclavian artery occlusion. 5+5
  - Management of thrombus in the first part of subclavian artery with digital gangrene.
- Classification of acute limb ischemia. 3+3+4
  - Diagnosis and investigations of acute limb ischemia.
  - Postoperative complications followings revascularization in acute limb ischemia.
- Pathogenesis of compartment syndrome. 3+3+4
  - Clinical features of compartment syndrome.
  - Fasciotomy techniques of calf and forearm.
- Enumerate the causes of non-atherosclerotic popliteal artery disease. 4+6
  - Treatment options for popliteal artery entrapment syndrome.
- Dysphagia lusoria. 5+5
  - Management of Kommerell's diverticulum.
- Non operative methods of treating critical limb ischemia. 6+4
  - Arterial assist pneumatic compression in management of critical limb ischemia.
- Management of recurrent carotid stenosis. 4+3+3
  - Indications for carotid endarterectomy.
  - Exposure for high carotid bifurcation lesions.
- Cockett's syndrome. 5+5
  - Role of intravascular ultrasound in management of non-thrombotic iliac vein lesions.
- In-situ vein graft technique. 5+5
  - Upper limb veins for infra-inguinal revascularization .
- Pathophysiology of spinal cord ischemia. 5+5
  - Various intraoperative monitoring methods in patients undergoing aortic surgery.

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