

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

VS/D/19/33/III

**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:**

- a) Total laparoscopic aortoiliac reconstruction. 3+3+4
  - b) Special instruments used in it.
  - c) Discuss about various port sites and positioning of the patient.
- a) Discuss about Hybrid reconstruction of aneurysm involving supra aortic trunk. 7+3
  - b) Advantages of Robotics use in this type of surgery.
- Hemodynamics and endovascular management of superficial femoral artery occlusion. 5+5
- a) Management of post intervention pseudo aneurysm. 2+5+3
  - b) Discuss about ultrasound techniques and ultrasound guided procedures.
  - c) Covered stent in CFA pseudo aneurysm following intervention for and against it.
- a) What is registry? 2+5+3
  - b) Levels of evidences of various study (like case report, cases series, case control study, etc.).
  - c) Advantages of vascular registry. Name a few registry available.
- a) Clinical presentation and medical management in Vertebral artery disease. 4+3+3
  - b) Extra cranial vertebral artery surgical intervention results.
  - c) Endovascular vertebral artery intervention and its results.
- Discuss endovenous procedures in varicose vein management. 10

P.T.O.

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8. a) Intravascular ultrasound (IVUS)-use in peripheral vascular disease. 3+3+2+2  
b) Diagnostics criteria for May- Thurner syndrome in IVUS.  
c) Treatment of May -Thurner syndrome.  
d) Types of stent used in May- Thurner syndrome.
9. a) Classification of mesenteric artery dissection. 2+4+4  
b) Sakamoto classification and Yun classification.  
c) Management of symptomatic mesenteric artery dissection.
10. Gene Therapy in vascular surgery. 10

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