

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

VS/J/20/33/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:

1. a) Vascular surgery in Covid-19 pandemic. 5+5
b) Personal protective equipment.
2. a) Imaging modalities for vascular graft infections. 5+5
b) Neo Aorto Iliac system.
3. a) Non-invasive methods to assess the vulnerability of carotid plaque. 5+5
b) Embolic protection devices.
4. a) How do you do graft surveillance in a patient who has undergone femoro-popliteal bypass? 4+3+3
b) Strategies to improve the patency of prosthetic bypass graft.
c) Newer prosthetic grafts.
5. a) Robotic Aortic Surgery. 5+5
b) Approaches in Total Laparoscopic Aortic Surgery.
6. a) Malignancies affecting the Inferior Vena Cava. 5+5
b) What are the methods of Inferior Vena Cava reconstructions.
7. a) Enumerate different placements of prosthetic arteriovenous access procedures for dialysis. 6+4
b) Endovascular arteriovenous fistula.
8. a) Randomized trials of catheter directed thrombolysis in acute lower limb deep venous thrombosis. 5+5
b) Superior vena cava filters.
9. a) Reversal agents of newer oral anticoagulants. 4+6
b) Salient outcomes of COMPASS trial.
10. a) Classification of vascular anomalies. 3+3+4
b) Magnetic Resonance Imaging features of vascular anomalies.
c) Enumerate the treatment modalities of high-flow vascular malformations.
