

**VASCULAR SURGERY**

**PAPER-II**

Time: 3 hours  
Max. Marks:100

VS/D/20/33/II

**Important Instructions:**

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *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. Prevention, grading and management of steal syndrome in relation to a brachio-cephalic AV access surgery. 2+3+5
2. a) Biochemical basis of reperfusion injury. 5+5  
b) Management of compartment syndrome of lower limb.
3. a) Various techniques of Endarterectomy. 5+5  
b) Enumerate various shunts used and its advantages and disadvantages.
4. a) Outline clinical feature and management options for iliofemoral DVT. 6+4  
b) Comment upon ATTRACT trial.
5. a) Classification of vascular malformations. 3+3+4  
b) Indication of intervention.  
c) Endovascular management of AVM.
6. a) Rutherford classification of acute limb ischemia. 3+4+3  
b) Clinical workup of acute limb ischemia.  
c) Endovascular options for management of class 1 acute limb ischemia.
7. a) Types and causes of Endoleak. (3+3)+4  
b) Management in infrarenal EVAR.
8. Uses of: 5+5  
a) IVC filter.  
b) Cerebral protection devices.
9. a) Criteria for diagnosis of TAO. 4+3+3  
b) Outline the medical management options for TAO.  
c) Outline the surgical management options for TAO.
10. a) Retrograde cerebral perfusion. 3+4+3  
b) Various types of guidewires.  
c) Hybrid surgery.

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