VASCULAR SURGERY

PAPER-II

Time: 3 hours VS/D/20/33/II
Max. Marks:100

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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