

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

VS/D/20/33/I

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. a) Extrinsic pathway of coagulation. 3+3+4
b) Intrinsic pathway of coagulation.
c) Mechanism of action of heparin.
2. a) Compare histology of small size artery and vein in tabular form. 4+3+3
b) Blood supply of abdominal aorta.
c) Intimal hyperplasia.
3. a) Briefly discuss about ischaemia systemic effects associated with 3+4+3
ischemia.
b) Pathogenesis of anastomotic aneurysm.
c) Free oxygen radicle scavengers.
4. a) Pathophysiology of atherosclerosis. 5+5
b) Pharmacotherapy of dyslipidemia.
5. a) Pre-operative cardiac evaluation of a peripheral Vascular disease 5+5
patient.
b) Stress echocardiogram.
6. a) Indications of coil embolization in vascular surgery. 3+3+4
b) Embolic agents.
c) Stent-assisted coil embolization.
7. a) IVC anomalies. 3+4+3
b) Vascular wall and its hemodynamics.
c) Aberrant Subclavian Artery.
8. a) Lymphatic drainage of lower limb. 4+3+3
b) Lymphedema precox.
c) Lymphedema following radical mastectomy. P.T.O.

VASCULAR SURGERY

PAPER-I

9. a) Raynaud's phenomenon. 5+5
b) Horner's syndrome.
10. a) Virchow's triad. 4+6
b) Cervical sympathectomy, indication and complications.

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