

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Vascular Surgery Paper1
<b>Subject Name :</b>	DrNB Vascular Surgery Paper1
<b>Creation Date :</b>	2022-06-25 17:18:13
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## DrNB Vascular Surgery Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871210
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Vascular Surgery Paper1

<b>Section Id :</b>	3271871213
<b>Section Number :</b>	1

**Section type :** Offline  
**Mandatory or Optional :** Mandatory  
**Number of Questions to be attempted :** 10  
**Section Marks :** 100  
**Enable Mark as Answered Mark for Review and Clear Response :** Yes  
**Maximum Instruction Time :** 0  
**Sub-Section Number :** 1  
**Sub-Section Id :** 3271871217  
**Question Shuffling Allowed :** No

**Question Number : 1 Question Id : 32718711152 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Describe levels of evidence for clinical practice. [5]  
b) Describe in detail Translational research. [5]

**Question Number : 2 Question Id : 32718711153 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Embryology of aortic arch with diagrams. [5]  
b) Aortic arch types. [2]  
c) Kommerells diverticulum. [3]

**Question Number : 3 Question Id : 32718711154 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Discuss various prothrombotic conditions encountered in clinical practice. Discuss in detail the indications for thrombophilia workup, timing to do prothrombotic work up when patient is on NOACs, Low molecular weight heparin, Warfarin and conventional heparin. [3+7]

**Question Number : 4 Question Id : 32718711155 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Collateral circulation around the elbow with labelled diagram. [5]
- b) How will you manage a case of elbow dislocation in an adult with Brachial artery injury [Rutherford class 2 B]. [5]

**Question Number : 5 Question Id : 32718711156 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

What are mechanism of action of NOACs? How do we monitor NOACs? What are the reversal agents available? Comment on VOYAGER PAD Trial. [3+2+2+3]

**Question Number : 6 Question Id : 32718711157 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Extrinsic pathway of coagulation with schematic diagram. [5]
- b) Intrinsic pathway of coagulation with schematic diagram. [5]

**Question Number : 7 Question Id : 32718711158 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Describe in details venous wall structure and composition. [4]
- b) Discuss effects of respiration on lower extremity venous return. [3]
- c) Ambulatory Venous Pressure. [3]

**Question Number : 8 Question Id : 32718711159 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Acrocyanosis. [3]
- b) Complex regional pain syndrome. [4]
- c) Raynauds Syndrome. [3]

**Question Number : 9 Question Id : 32718711160 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Differential diagnosis of common leg ulcers. [2]
- b) Discuss in detail various types of ulcer, location, pain, lesion character and associated findings. [6]
- c) Outline management of neuropathic ulcer. [2]

**Question Number : 10 Question Id : 32718711161 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Types of radiation. [2]
- b) Biological effects of radiation. [4]
- c) Principles of radiation protection. [4]