

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB INTERVENTIONAL RADIOLOGY Paper2
<b>Subject Name :</b>	DrNB INTERVENTIONAL RADIOLOGY Paper2
<b>Creation Date :</b>	2023-10-15 14:13:29
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## DrNB INTERVENTIONAL RADIOLOGY Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872084
<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>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 INTERVENTIONAL RADIOLOGY Paper2

<b>Section Id :</b>	3271872087
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872091
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718720572 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

**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. Hepatocellular Carcinoma Interventions:

- Discuss BCLC staging 2022 system with reference to HCC management. [5]
- Describe the role of combination treatments in HCC management. [5]

**Question Number : 2 Question Id : 32718720573 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Head and Neck interventions:

- Indications, technique and hardware used in preoperative embolization of angiofibroma of

neck. [6]

b) What are the angiographic variations and complications associated with the procedures? [4]

**Question Number : 3 Question Id : 32718720574 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Percutaneous Biliary Drainage (PBD):

- a) Discuss preprocedural imaging assessment of obstructive jaundice. [3]
- b) Discuss about various types of percutaneous biliary procedures. [3]
- c) Describe the technique of balloon dilatation of biliary enteric anastomosis stricture. [4]

**Question Number : 4 Question Id : 32718720575 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Variceal bleed management:

- a) Discuss about various varices and shunt development during portal hypertension. [4]
- b) Discuss role of Interventional radiological procedures in management of portal hypertension. [6]

**Question Number : 5 Question Id : 32718720576 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

MSK interventions:

- a) Discuss about various types of interventions performed in MSK. [5]
- b) Describe the technique of embolisation used in adhesive capsulitis. [5]

**Question Number : 6 Question Id : 32718720577 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Aortic Interventions:

- a) Discuss the classification of aortic dissections and role of ECG gated CT angiography in planning IR hardware. [5]
- b) Describe Endovascular procedure in Stanford B aortic dissection and add note on fenestration. [5]

**Question Number : 7 Question Id : 32718720578 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Pulmonary Vascular Interventions:

- a) Discuss the CTPA technique in the evaluation of Pulmonary thromboembolism (PTE). [4]
- b) Discuss the indication and various techniques of thrombolysis in case of PTE. [6]

**Question Number : 8 Question Id : 32718720579 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Peripheral vascular Disease:

- a) Discuss the doppler technique in evaluation of peripheral vascular disease. [5]
- b) Discuss the indications and guidelines of below knee arterial interventions. [5]

**Question Number : 9 Question Id : 32718720580 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

GU interventions:

- a) Describe the doppler evaluation of erectile dysfunction. [5]
- b) Discuss the embolisation technique of high flow priapism. [5]

**Question Number : 10 Question Id : 32718720581 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

TIPS related:

- a) Discuss long term complications of transjugular intrahepatic shunt. [4]
- b) Discuss various techniques used in shunt reduction. [6]