

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Clinical Immunology and Rheumatology Paper3
<b>Subject Name :</b>	DrNB Clinical Immunology and Rheumatology Paper3
<b>Creation Date :</b>	2023-04-26 22:40:40
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Clinical Immunology and Rheumatology Paper3

<b>Group Number :</b>	1
<b>Group Id :</b>	327187734
<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 Clinical Immunology and Rheumatology Paper3

<b>Section Id :</b>	327187737
<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>	327187741
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 3271876422 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. A 30-year-old lady with dual antiphospholipid antibody positivity (moderately elevated anti beta 2 glycoprotein 1 and positive lupus anticoagulant) had recurrent mid-trimester fetal losses. How will you manage her before, during and after pregnancy? [3+4+3]

**Question Number : 2 Question Id : 3271876423 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

A 4-year-old girl presented with 8 weeks history of left knee monoarthritis without any fever or

weight loss. Write four differential diagnosis. How would you approach to investigate her? How will you treat her? [2+4+4]

**Question Number : 3 Question Id : 3271876424 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Discuss spectrum of scleroderma in children. How does juvenile scleroderma differ from adult scleroderma? How do you manage linear scleroderma. [4+2+4]

**Question Number : 4 Question Id : 3271876425 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

What is the prevalence of different cytopenias in SLE? Write mechanism of various cytopenias in SLE. How would you manage immune-mediated thrombocytopenia in SLE? [2+3+5]

**Question Number : 5 Question Id : 3271876426 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

What are the indications of hip joint replacement in inflammatory arthritis? What are the short and long term complications of hip joint replacement? [3+7]

**Question Number : 6 Question Id : 3271876427 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

List the different types of autoantibodies seen in patients with idiopathic inflammatory myositis. What is the phenotype association of anti-MDA5 antibody? How do you manage patients with anti-MDA 5 antibodies positive inflammatory myositis? [4+3+3]

**Question Number : 7 Question Id : 3271876428 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

What are the different radiological modalities to evaluate large vessel vasculitis? Discuss advantages and disadvantages of each in a tabular form. [3+7]

**Question Number : 8 Question Id : 3271876429 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

What are chimeric antigen receptor(CAR) T cells? Discuss the utility of CAR-T cells as immunotherapeutic agent. What is their likely role in autoimmune rheumatic diseases? [4+4+2]

**Question Number : 9 Question Id : 3271876430 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Discuss rationale of IL-2 therapy in autoimmune diseases. What is the evidence for its efficacy in SLE? [5+5]

**Question Number : 10 Question Id : 3271876431 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Discuss impact of rheumatological diseases on Covid-19 severity? What are the guidelines for nSARS-CoV-2 vaccination in patients with autoimmune rheumatic diseases? What is immune escape phenomenon? [3+6+1]