

National Board of Examinations

Question Paper Name :	DrNB Clinical Immunology and Rheumatology Paper1
Subject Name :	DrNB Clinical Immunology and Rheumatology Paper1
Creation Date :	2021-08-25 17:08:26
Duration :	180
Total Marks :	100
Display Marks:	No

DrNB Clinical Immunology and Rheumatology Paper1

Group Number :	1
Group Id :	327187316
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

DrNB Clinical Immunology and Rheumatology Paper1

Section Id :	327187319
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187323
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271871681 Question Type : SUBJECTIVE

Correct Marks : 10

Describe anatomy of thymus and briefly discuss its role in T cell selection and maturation. [3+7]

Question Number : 2 Question Id : 3271871682 Question Type : SUBJECTIVE

Correct Marks : 10

Briefly discuss role of Pathogen associated molecular patterns (PAMP) and Pathogen recognition receptor (PRR) in innate immunity. [5+5]

Question Number : 3 Question Id : 3271871683 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss structure of immunoglobulins and class switching mechanisms. [6+4]

Question Number : 4 Question Id : 3271871684 Question Type : SUBJECTIVE

Correct Marks : 10

What is NETosis. Discuss its role in autoimmune disorders. [3+7]

Question Number : 5 Question Id : 3271871685 Question Type : SUBJECTIVE

Correct Marks : 10

What is pharmacovigilance and phase IV clinical trial? Describe various types of

pharmacovigilance. [2+2+6]

Question Number : 6 Question Id : 3271871686 Question Type : SUBJECTIVE

Correct Marks : 10

Colchicine : mechanism of action and role in immunological disorders. [4+6]

Question Number : 7 Question Id : 3271871687 Question Type : SUBJECTIVE

Correct Marks : 10

Briefly discuss Receiver operating characteristics and Kaplan-Meier analysis. [5+5]

Question Number : 8 Question Id : 3271871688 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss principle of flowcytometry and its applications in clinical immunology. [5+5]

Question Number : 9 Question Id : 3271871689 Question Type : SUBJECTIVE

Correct Marks : 10

Describe major histocompatibility complex structure and antigen presentation. [5+5]

Question Number : 10 Question Id : 3271871690 Question Type : SUBJECTIVE

Correct Marks : 10

Write mechanism of action of intravenous immunoglobulin and its role in rheumatology. [5+5]