

National Board of Examinations

Question Paper Name :	DrNB Clinical Hematology Paper2
Subject Name :	DrNB Clinical Hematology Paper2
Creation Date :	2021-08-25 22:35:00
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DrNB Clinical Hematology Paper2

Group Number :	1
Group Id :	327187447
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 Hematology Paper2

Section Id :	327187450
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 :	327187454
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271872991 Question Type : SUBJECTIVE

Correct Marks : 10

Chronic myelomonocytic leukaemia (CMML):

- Describe diagnostic criteria and various scoring system of CMML. [4]
- Reactive/secondary monocytosis: how to differentiate. [3]
- Variants of oligomonocytic CMML and CMML associated with systemic mastocytosis. [3]

Question Number : 2 Question Id : 3271872992 Question Type : SUBJECTIVE

Correct Marks : 10

Hairy cell leukemia:

- Diagnosis, differential diagnosis of hairy cells and its variant. [3]
- How to investigate and confirm the diagnosis? [3]
- Various treatment options & a short note on Cladribine. [4]

Question Number : 3 Question Id : 3271872993 Question Type : SUBJECTIVE

Correct Marks : 10

Primary immune deficiency:

- Briefly discuss chronic granulomatous disease. [5]
- Briefly discuss - SCID. [5]

Question Number : 4 Question Id : 3271872994 Question Type : SUBJECTIVE

Correct Marks : 10

Post-transfusion Alloimmunisation:

- a) Mechanism of alloimmunisation following blood transfusion. [4]
- b) How to differentiate Allo vs Auto antibodies? [3]
- c) Describe post transfusion purpura. [3]

Question Number : 5 Question Id : 3271872995 Question Type : SUBJECTIVE

Correct Marks : 10

Role of various Imaging modalities in multiple myeloma:

- a) Role of various imaging modalities in diagnosis of multiple myeloma. [5]
- b) What is lowdose CT scan? [2]
- c) Recommendation by current guidelines. [3]

Question Number : 6 Question Id : 3271872996 Question Type : SUBJECTIVE

Correct Marks : 10

Neutropenia:

- a) Various causes of neutropenia in a newborn. [3]
- b) Define febrile neutropenia and how to manage it. [5]
- c) Role of granulocyte transfusion in febrile neutropenia. [2]

Question Number : 7 Question Id : 3271872997 Question Type : SUBJECTIVE

Correct Marks : 10

Eosinophilia:

- a) Describe various causes of eosinophilia. [3]
- b) Clonal eosinophilia and various mutations associated with eosinophilia. [3]
- c) How to approach in management of hypereosinophilic syndrome. [4]

Question Number : 8 Question Id : 3271872998 Question Type : SUBJECTIVE

Correct Marks : 10

Neutrophils:

- a) Its role in inflammation. [5]
- b) Neutrophil and platelet interactions in thrombosis. [5]

Question Number : 9 Question Id : 3271872999 Question Type : SUBJECTIVE

Correct Marks : 10

Auto-immune hemolytic anemia (AIHA):

- a) Principle and various methods of Coomb's test. [4]
- b) False positive & False negative Coomb's test. [2]
- c) Management of AIHA in a 4 year old child (DCT 3 +). [4]

Question Number : 10 Question Id : 3271873000 Question Type : SUBJECTIVE

Correct Marks : 10

Plasma cell dyscrasia:

- a) What is MGUS? [3]
- b) What is Free light chain ratio and its role in diagnosis and management? [4]
- c) Briefly discuss smoldering myeloma. [3]