

National Board of Examinations

Question Paper Name : DrNB Clinical Hematology Paper2

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

- a) How will you approach a patient with absolute eosinophil count (AEC) of 12000/microL. [5]
- b) Describe molecular markers of neoplastic eosinophilia. [3]
- c) Describe targeted drug therapy in eosinophilia. [2]

Question Number : 2 Question Type : SUBJECTIVE

- a) Differentiate smoldering myeloma (SMM) from Monoclonal gammopathy of unknown significance (MGUS). [2]
- b) Describe 2/20/20 risk stratification model and its role in prognostication of smoldering myeloma. [4]
- c) Write a note on double hit/ triple hit myeloma. [4]

Question Number : 3 Question Type : SUBJECTIVE

- a) Describe the characteristic features of a child with Chédiak-Higashi syndrome. [4]
- b) Classify Primary humoral Immunodeficiency disorders. [3]
- c) Outline the principles of management of HyperIgM syndrome. [3]

Question Number : 4 Question Type : SUBJECTIVE

- a) Diagnostic approach to a 50-year-old patient with CD4 positive T cell lymphocytosis. [5]
- b) T cell clonality testing – diagnostic methods and pitfalls. [5]

Question Number : 5 Question Type : SUBJECTIVE

- a) What is component therapy? [2]
- b) Enumerate various types of component therapy. [2]
- c) Describe the indications, principles and studies on granulocyte infusion. [6]

Question Number : 6 Question Type : SUBJECTIVE

- a) Describe the pathophysiology of Epstein-Barr virus (EBV) infection. [3]
- b) Enumerate the newer diagnostic modalities for detecting present or past EBV infection in a patient. [3]
- c) Enumerate the various hematological disorders associated with EBV infection. [4]

Question Number : 7 Question Type : SUBJECTIVE

- a) Describe pathophysiology of chronic graft versus host disease (GVHD). [4]
- b) Discuss newer diagnostic markers for gut GVHD. [3]
- c) How will you differentiate Bladder GVHD from BK Virus associated cystitis? [3]

Question Number : 8 Question Type : SUBJECTIVE

- a) Describe pathophysiology and manifestations of hemophagocytic lymphohistiocytosis (HLH). [6]
- b) Describe management of a child with familial HLH. [4]

Question Number : 9 Question Type : SUBJECTIVE

- a) Enumerate the etiologies of thrombotic microangiopathies (TMA). [4]
- b) Write a note about transplant related TMA and its management. [6]

Question Number : 10 Question Type : SUBJECTIVE

- a) Outline the role of flow cytometry to classify chronic lymphoproliferative disorders. [4]
- b) What are the tests to identify a case of Mantle Cell Lymphoma (MCL)? [3]
- c) How will you manage a patient with MCL? [3]