

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Pathology Paper4
<b>Subject Name :</b>	DNB Pathology Paper4
<b>Creation Date :</b>	2021-08-27 20:13:05
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

## DNB Pathology Paper4

<b>Group Number :</b>	1
<b>Group Id :</b>	327187209
<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>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## DNB Pathology Paper4

<b>Section Id :</b>	327187212
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	10
<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>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187216
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 327187610 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Classify chronic lymphoproliferative disorders. Discuss the role of flow cytometry in their diagnosis. [3+7]

**Question Number : 2 Question Id : 327187611 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Briefly describe stem cell harvesting in autologous stem cell transplantation (ASCT) and enumerate the complications of ASCT. [5+5]

**Question Number : 3 Question Id : 327187612 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Prognostic factors in MDS. [5]
- b) Pathophysiology of Fanconi Anemia. [5]

**Question Number : 4 Question Id : 327187613 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Classify erythrocytosis and discuss laboratory approach to a case of Polycythemia vera. [3+7]

**Question Number : 5 Question Id : 327187614 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Newer methods for alloantibody screening and identification. [5]

b) Donor Hemovigilance. [5]

**Question Number : 6 Question Id : 327187615 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Targeted therapy in hematological neoplasms. [5]

b) Westgard rules. [5]

**Question Number : 7 Question Id : 327187616 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Enumerate the criteria for Catastrophic antiphospholipid syndrome(CAPS) and discuss the laboratory tests for its diagnosis. [3+7]

**Question Number : 8 Question Id : 327187617 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Screening tests for thalassemia. [5]

b) Thromboelastography. [5]

**Question Number : 9 Question Id : 327187618 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Modifiers of sickle cell anemia. [5]

b) Smoldering Myeloma. [5]

**Question Number : 10 Question Id : 327187619 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Congenital platelet function defects. [5]

b) Haematological manifestations in COVID-19. [5]