

National Board of Examinations

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| Question Paper Name : | DNB Pathology Paper4 |
| Subject Name : | DNB Pathology Paper4 |
| Creation Date : | 2023-04-27 21:17:38 |
| Duration : | 180 |
| Share Answer Key With Delivery Engine : | No |
| Actual Answer Key : | No |

DNB Pathology Paper4

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| Group Number : | 1 |
| Group Id : | 327187655 |
| Group Maximum Duration : | 0 |
| Group Minimum Duration : | 180 |
| Show Attended Group? : | No |
| Edit Attended Group? : | No |
| Group Marks : | 100 |
| Is this Group for Examiner? : | No |
| Examiner permission : | Cant View |
| Show Progress Bar? : | No |

DNB Pathology Paper4

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| Section Id : | 327187658 |
| Section Number : | 1 |
| Section type : | Offline |

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|---|-----------|
| Mandatory or Optional : | Mandatory |
| Number of Questions to be attempted : | 10 |
| Section Marks : | 100 |
| Enable Mark as Answered Mark for Review and Clear Response : | Yes |
| Maximum Instruction Time : | 0 |
| Sub-Section Number : | 1 |
| Sub-Section Id : | 327187662 |
| Question Shuffling Allowed : | No |
| Is Section Default? : | null |

Question Number : 1 Question Id : 3271875632 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

1. Enumerate the various causes of thrombocytopenia. Discuss in detail the laboratory approach to a case of thrombocytopenia. [10]

Question Number : 2 Question Id : 3271875633 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) Discuss the principle, benefits and constraints in Nucleic Acid Testing. [5]
- b) Discuss the various methods used for HCV testing. [5]

Question Number : 3 Question Id : 3271875634 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 the role of flow cytometry in diagnosis of benign hematological disorders. [10]

Question Number : 4 Question Id : 3271875635 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) Automation in blood counters. [5]
- b) Quality assurance in coagulation laboratory. [5]

Question Number : 5 Question Id : 3271875636 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) BCR-ABL1 negative myeloproliferative neoplasms. [5]
- b) Double HIT lymphoma. [5]

Question Number : 6 Question Id : 3271875637 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) Genetic modifiers of Beta thalassemia. [5]
- b) Role of serum free light chain assay in multiple myeloma. [5]

Question Number : 7 Question Id : 3271875638 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) Dysfibrinogenemia. [5]
- b) Lab diagnosis of PNH. [5]

Question Number : 8 Question Id : 3271875639 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) CAR-T cell. [5]
- b) Platelet microparticles. [5]

Question Number : 9 Question Id : 3271875640 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) Prognostic markers in CLL. [5]
- b) Iron refractory iron deficiency anaemia. [5]

Question Number : 10 Question Id : 3271875641 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) Carrier detection in haemophilia. [5]
- b) Autoimmune hemolytic anaemia. [5]