

20/04/2023

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MD PATHOLOGY – PAPER – I
QP CODE: 5013**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss the role of ECM (Extra Cellular Matrix) and its interactions in wound healing.
2. Classify rejection reactions and describe pathology of acute rejection.

Short Essay

(6x10=60 Marks)

3. Leukocyte defective function in inflammation.
4. DNA probes.
5. Describe the medical applications of polymerase chain reaction.
6. Tumor suppressor genes.
7. Stains of fungal elements.
8. Discuss the pathogenesis of septic shock.

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[Time : 3 Hours]

[Max.Marks: 100]

**MD PATHOLOGY – PAPER – II
QP CODE: 5014**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss etiopathogenesis and laboratory diagnosis of Aplastic Anemia. (10+10)
2. Enumerate the different blood components. Discuss their storage guidelines and indications.
(10+10)

Short Essay

(6x10=60 Marks)

3. Write short note on Milan System of reporting Salivary Gland Cytopathology.
4. Write a note on Automation in Urine Examination.
5. Define Incomplete Antibodies. What are the methods to detect those?
6. Write a short note on Endoscopic Cytology.
7. Write laboratory diagnosis of Minimal Residual Disease in Chronic Myeloid Leukemia (CML).
8. Write laboratory diagnosis of Disseminated Intravascular Coagulation (DIC).

Nov-2023

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[Time: 3 Hours]

[Max.Marks: 100]

**MD PATHOLOGY – PAPER – III
QP CODE: 5015**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss classification and etiopathogenesis of renal cell carcinoma
2. Approach to plasma cell infiltrates in lymphadenopathy

Short Essay

(6x10=60 Marks)

3. Nonneoplastic cysts of ovary
4. Synovial sarcoma
5. Prognostic factors of neuroblastoma
6. Etiopathogenesis of emphysema
7. Congenital aganglionic megacolon
8. Ductal carcinoma in situ

Nov - 2023

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

MD PATHOLOGY – PAPER – IV

QP CODE: 5016

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Enlist 2020 WHO classification of tumors of bone. Describe selected changes and new entities in 2020 WHO classification of tumors of bone
2. Describe pathogenesis and pathological findings in various organs and tissues of patients with COVID-19

Short Essay

(6x10=60 Marks)

3. Describe recent updates in brain tumors
4. Describe major updates and classification of tumors of the cervix as per the WHO classification of tumors of female reproductive organs, 2020
5. Write note on clinical applications of next generation sequencing
6. Describe role of digital pathology and artificial intelligence to augment pathological diagnosis
7. Write a note on Gene therapy in Thalassemia
8. Describe risk factors and diagnosis of gestational trophoblastic diseases. Add a note on recent updates on gestational trophoblastic diseases.