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## MANIPAL UNIVERSITY

MB (PATHOLOGY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER II: SYSTEMIC PATHOLOGY

Tuesday, April 03, 2007

Time: 3 Hrs.

Max. Marks: 100

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✍ Answer all the questions.

✍ All questions carry equal marks.

1. Discuss the pathology of congenital heart disease.
2. Discuss biopsy diagnosis of inflammatory bowel disease.
3. Discuss etiopathogenesis and morphology of alcoholic liver disease.
4. Write short notes on:
  - 4A. Creutzfeld-Jacob disease
  - 4B. Kikuchi's lymphadenitis
  - 4C. Microglandular hyperplasia of cervix
  - 4D. Eosinophilic pneumonia.



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**MANIPAL UNIVERSITY**

**MD (PATHOLOGY) DEGREE EXAMINATION – APRIL 2007**

**SUBJECT: PAPER III: ONCOLOGY**

Wednesday, April 04, 2007

Time: 3 Hrs.

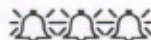
Max. Marks: 100

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✍ **Answer all the questions**

✍ **All questions carry equal marks**

1. Discuss recent advances in colorectal carcinogenesis.
2. Discuss preneoplastic and neoplastic disorders of prostate.
3. Discuss the role of immunohistochemistry in diagnosis of small round cell tumors.
4. Write short notes on:
  - 4A. Verrucous carcinoma
  - 4B. Lymphomatoid granulomatosis
  - 4C. Hepatoid adenocarcinoma of stomach
  - 4D. Embryonal sarcoma of liver.



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## MANIPAL UNIVERSITY

MD (PATHOLOGY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER IV: HAEMATOLOGY, CLINICAL PATHOLOGY AND CYTOLOGY

Thursday, April 05, 2007

Time: 3 Hrs.

Max. Marks: 100

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✍ **Answer all the questions.**

✍ **All questions carry equal marks.**

1. Discuss classification, diagnosis and laboratory findings in myelodysplastic syndromes.
2. Discuss flow cytometry. Explain role of flow cytometry in the diagnosis of acute leukemias.
3. Discuss the role of FNAC in diagnosis of soft tissue tumors.
4. Write short notes on:
  - 4A. Non- secretory myeloma.
  - 4B. Glanzmanns thrombasthenia.
  - 4C. Plateletpheresis.
  - 4D. Fibrin degradation products.

