



[KT 542]

AUGUST 2008

Sub. Code : 4063

**SECOND M.B.B.S. DEGREE EXAMINATION**  
**Revised (Non-Semester) Regulations**  
**Paper III – GENERAL PATHOLOGY AND HAEMATOLOGY**  
***Q. P. Code : 524063***

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

**I. Essay Questions :**

**(2 x 15 = 30)**

1. What is Metastasis.  
What are the different pathways of spread?  
Write in detail about one of the pathways
2. Define anemia.  
Discuss etiopathogenesis with blood and bone marrow picture in iron deficiency anemia.

**II. Write Short notes on :**

**(10 x 5 = 50)**

1. Free radicals.
2. Wilm's tumour.
3. Klinefelter syndrome.
4. Oncogenic viruses.
5. Rhinosporidiosis.
6. Ricketts.
7. Fine Needle Aspiration Cytology
8. Leukemoid reaction.
9. Idiopathic thrombocytopenic purpura.
10. Erythrocyte sedimentation rate.

**III. Short Answer Questions:**

**(10 x 2 = 20)**

1. What are the different types of necrosis?
2. Mention 4 factors influencing wound healing.
3. Fate of thrombi.
4. Enumerate 4 types of chromosomal rearrangements.
5. Mention 2 Examples of tumor suppressor genes.
6. Mention any 4 childhood malignancies.
7. What are red cell indices?
8. Blood picture in megaloblastic anemia.
9. Mention important investigations necessary for diagnosis of Hemophilia.
10. Define Leukemia.

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