

**0111 E013**

**Second Year MBBS Examination**

**II MBBS Pathology Paper 1**

**Time: 2 hours**

**Max Marks: 40**

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

**Section 1**

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# **1. Write Short notes of (any two) (10)**

- a) Stem cells(A.285,8.82-86)
- b) Laboratory diagnosis of microcytic hypochromic anemia. (A.295,8.640)
- c) Amyloidosis (A. 82, B. 249)

# **2. Write briefly about (any three) (12)**

- a) Embolism (A. 119, B. 125)
- b) Metaplasia (A. 57, B. 10)
- c) Necrosis (A. 44, B. 14)
- d) Modes of metastasis. (A. 200, B. 269)

# **3. Give short account of any three**

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a) Laboratory diagnosis of **(12)**  
thalassemia (A. 320, B. 648)/Write  
etiopathogenesis and laboratory  
diagnosis of thalassemia/Four  
important tests for diagnosis of  
Thalassemias.

b) Coomb's test (B. 653)

c) Aplastic anemia. (A. 325, B.  
662)

d) Indications of blood component  
therapy (A. 340)

**4. Write Answer to the point in two or  
three sentences; (any six) (6)**

a) WHO classification of acute  
leukemia.

b) Oncogene.

c) Fatty change. (A.37,8.857)

d) Idiopathic thrombocytopenic purpura. (A. 322, B. 667)

e) Hypersplenism(A.387,8.633)

f) Chemical mediators of inflammation. (A. 136, B. 57)

g) Tumor markers. (A.233-234,8.326-327)

h) Dystrophic and metastatic calcification. (A. 51, 52, B. 38)