

**Madhya Pradesh Medical Science University,
Jabalpur
MBBS Second Professional Examination 2017
Subject- Pathology
Paper- I**

Time: 3:00 Hours

Maximum Marks :50

Instructions:

- a) All questions are compulsory**
- b) Draw diagrams wherever necessary**
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.**
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means**

Q1. Long Answer questions – 20 MARKS

- a. Discuss the vascular Changes in Acute Inflammation.
10
- b. Describe the Clinicopathological features of B
thalassaemia. 10

Q2. Short Answer Questions – 20 MARKS

- a. Explain in short, the metastatic cascade. 5
- b. ~~What are the laboratory findings in a case of~~

megaloblastic anaemia? 5

c. Describe the staining characteristics of Amyloid. 5

d. Define Embolism, Enumerates its types and complications. 5

Q3. Very Short Answer Questions – 10 MARKS

a. Define chemotaxis. 1

b. Enumerate three infections which cause splenomegaly. 1

c. Enumerate three tests done in bleeding disorders. 1

d. Name three important tumour suppressor genes. 1

e. Name two blood components. 1

f. Name two main disorders of Haemoglobin. 1

g. Give two examples of Metaplasia. 1

h. Name any three oncogenic viruses. 1

i. Name three cytochemical stains used to type the Acute Leukaemia. 1

j. Which two essential phenomena distinguish reversible from irreversible injury. 1
