



Madhya Pradesh Medical Science University, Jabalpur

MBBS 2nd Professional Examination 2017 (summer)

Question Paper Code - 17AM0000100511

Pathology - Paper-1

Time : 2,30 Hours

Maximum Marks : 32

Instructions:

- 1) All questions are compulsory
- 2) Draw diagrams wherever necessary for Question no. 2, 3 and 4.
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

2. Long Answer Question

2 X 5 = 10

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

Q3 Write Short Notes

4 X 3 = 12

- a. Explain in short the metastatic cascade
- b. What are the laboratory findings in a case of megaloblastic anaemia
- c. Describe the staining characteristics of Amyloid
- d. Define Embolism, Enumerates its types and complications

Q4 Write in Brief: -

10X 1 = 10

- a. Define chemotaxis 120
 - b. Enumerate three infections which cause splenomegaly. 24, 32-3, 367
 - c. Enumerate three tests done in bleeding disorders 309-17 coagulation time, APTT, one stage Path. hem.
 - d. Name three important tumor suppressor genes Measured of fibrinogen
Coagulation factor assay Quantitative
 - e. Name two blood components packed RBC platelets
fresh frozen plasma cryoprecipitate
 - f. Name two main disorders of Haemoglobin
 - g. Give two examples of Metaplasia 35-41
 - h. Name any three oncogenic viruses HPV, SV 40, EBV, Adeno Virus, Parvovirus, Hep B
 - i. Name three cytochemical stains used to type the Acute Leukemia 327 myeloperoxidase, platelet
Non specific esterase Sudan Black,
Acid phosphatase
 - j. Which two essential phenomena distinguish reversible from irreversible injury
- 1) Swelling
2) Reversible 2 reverse into dysfunction
3) disturbance in cell memb. function

