

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)

MBBS DEGREE EXAMINATION – August 2018
SECOND YEAR

PATHOLOGY – PAPER I

Time : Three hours

Maximum : 80 marks

Answer ALL questions
Draw diagrams wherever necessary

SECTION – A

I. Write essay on : (1 x 10 = 10)

1. Define thrombosis. Discuss in detail the etiopathogenesis of thrombosis. Write in detail about the morphology of arterial and venous thrombosis. Add a note on the fate of thrombi.

II. Write short notes on : (4 x 5 = 20)

2. Phagocytosis
3. Type III Hypersensitivity Reaction
4. Viral carcinogens
5. Factors influencing healing of a wound.

III. Answer briefly : (5 x 2 = 10)

6. Enumerate four common causes for fatty change of liver
7. Enumerate four common examples for Granulomatous inflammation.
8. Enlist four common cancer suppressor genes and the associated tumours.
9. Name for common molecular diagnostic tests used in infectious diseases.
10. Enlist two main differences between apoptosis and Necrosis.

SECTION – B

I. Write essay on : (1 x 10 = 10)

11. Define Leukaemia. Classify Acute Myeloblastic Leukaemia according to French American British System (FAB system). Discuss the common clinical features of Acute myeloid leukaemia. Add a note on its laboratory diagnosis.

II. Write short notes on : (4 x 5 = 20)

12. Pathogenesis of Autoimmune Hemolytic Anaemia.
13. Haemophilia A
14. Laboratory diagnosis of Sickle cell Anaemia
15. Sideroblastic Anaemia.

III. Answer briefly : (5 x 2 = 10)

16. Enumerate four common causes for Aplastic Anaemia.
17. Mention four common laboratory tests done in suspected Myeloma.
18. Mention the peripheral smear findings in Chronic Lymphocytic Leukaemia.
19. Enlist the common biochemical tests done to confirm Iron deficiency.
20. Name the various types of tumour giant cells seen in Hodgkin's Lymphoma.