

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

**MBBS DEGREE EXAMINATION – October 2020
SECOND YEAR**

PATHOLOGY – PAPER I

Time : Three hours

Maximum : 50 marks

**Answer ALL questions
Draw diagrams wherever necessary**

SECTION – A

I. Write essay on : (1 x 8 = 8)

1. Define and classify amyloidosis. Describe the pathogenesis of systemic amyloidosis. Describe the morphology of various organs involved in systemic amyloidosis. List two special stains to demonstrate amyloid.

II. Write short notes on : (4 x 3 = 12)

2. Klinefelter syndrome
3. Factors affecting wound healing
4. Septic shock
5. Tumour markers

III. Answer briefly : (5 x 1 = 5)

6. List two patterns of necrosis
7. List two opsonins
8. List two fate of thrombus
9. List two endogenous pigments
10. List two examples of type II hypersensitivity diseases.

SECTION – B

I. Write essay on : (1 x 8 = 8)

11. Define hemolytic anemia. Describe the molecular abnormality, pathogenesis, peripheral blood picture of sickle cell anemia.

II. Write short notes on : (4 x 3 = 12)

12. Agranulocytosis
13. Chronic lymphocytic leukemia
14. Hemophilia A
15. Peripheral blood picture of chronic myeloid leukemia.

III. Answer briefly : (5 x 1 = 5)

16. Bernard Soulier syndrome
17. Auer rod
18. List two poikilocytes
19. List two causes of thrombocytopenia
20. List two types of Hodgkin Lymphoma.