

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

**MBBS DEGREE EXAMINATION – February 2020
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 Necrosis. Explain the causes and pathology of each types of necrosis with examples.

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

2. Type I hypersensitivity reaction.
3. Special stains to confirm amyloid.
4. Down syndrome
5. Name any four autosomal recessive disorders.

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

6. Metaplasia
7. Fate of thrombus
8. List the opportunistic infections associated with AIDS.
9. Microscopy of CVC Liver.
10. Routes of Metastasis.

SECTION – B

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

11. Define and classify anaemias. Write Bone marrow and peripheral smear findings in Megaloblastic anaemia.

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

12. FAB classification of leukaemia
13. Haemophilia
14. Etiopathogenesis of ITP
15. Molecular pathogenesis of beta thalassaemia.

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

16. Name diseases transmitted by blood transfusion.
17. Definition and two causes of leucopenia.
18. Mention four hemoparasites.
19. Coombs test.
20. Name four causes for Eosinophilia.