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

MBBS DEGREE EXAMINATION – February 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 anaphylaxis. Describe the sequence of events in anaphylaxis. Give two examples.

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

  2. Down syndrome
  3. Healing by first intention
  4. Virchow triad
  5. Paraneoplastic syndromes.

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

  6. List two antioxidants
  7. List two adhesion molecules
  8. List two actions of histamine
  9. List two factors affecting wound healing
  10. Anergy

SECTION – B

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

  11. Define and classify Thalassemia. Describe the molecular pathogenesis and clinical syndromes of β Thalassemia.

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

  12. Hodgkin Lymphoma types
  13. Bone marrow picture in multiple myeloma
  14. Paroxysmal Nocturnal Hemoglobinuria (PNH)
  15. Peripheral blood picture of magaloblastic anemia.

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

  16. Prothrombin time
  17. Philadelphia chromosome
  18. List two conditions producing microcytic hypochromic blood picture.
  19. List two causes of reticulocytosis
  20. List two causes of splenomegaly.

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