

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

**BDS DEGREE EXAMINATION – JANUARY 2021**

**Second Year**

**GENERAL PATHOLOGY**

Time: Three hours

Maximum: 100 marks

**SECTION – A**

**Answer ALL Questions**

**I. ESSAY:**

**(1 x 15 = 15)**

1. Define metastasis. Describe the routes of spread of malignant tumours and metastatic cascade. List four differences between benign and malignant neoplasm.

**II. WRITE SHORT NOTES ON:**

**(3 x 5 = 15)**

2. Infarction
3. Granuloma
4. Tertiary syphilis

**III. WRITE BRIEFLY ON:**

**(10 x 2 = 20)**

5. Hypertrophy
6. List two exogenous pigments
7. List two arachidonic acid metabolites
8. List two chemical carcinogens
9. Types of pathologic calcification
10. List two soft tissue tumours
11. List two tumour markers
12. Apoptosis
13. List two types of shock
14. List two factors affecting wound healing

**SECTION – B**

**Answer ALL Questions**

**IV. ESSAY:**

**(1 x 15 = 15)**

15. Define anemia. Describe the aetiopathogenesis peripheral blood picture and bone marrow findings of iron deficiency anemia. List two investigations for diagnosis.

**V. WRITE SHORT NOTES ON:**

**(3 x 5 = 15)**

16. Gross and microscopy of pleomorphic adenoma  
17. Gross and microscopy of giant cell tumour of bone  
18. Morphology of Rheumatic heart disease

**VI. WRITE BRIEFLY ON:**

**(10 x 2 = 20)**

19. List two causes of neutrophilia  
20. Prothrombin time  
21. List two complications of atherosclerosis  
22. List two blood enzymes elevated in myocardial infarction  
23. List two causes of leucopenia  
24. Glanzman thrombasthenia  
25. List two organisms causing bacterial endocarditis  
26. List two hemoparasites  
27. Megaloblast  
28. List two stains to demonstrate amyloidosis.

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(Sl.No. M23079)