

**Second BHMS Degree Supplementary Examinations July 2022**

**Pathology, Microbiology and Parasitology – I**

**(2015 Scheme)**

Time: 3 hrs

Max marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
  - Indicate the question number correctly for the answer in the margin space
  - Answer all parts of a single question together • Leave sufficient space between answers
  - Draw table/diagrams/flow charts wherever necessary • Write Part A and Part B in one answer book
- PART - A**

**Essay (14)**

1. Define Thrombus. List the etiology. Explain the pathogenesis of Thrombosis (2+5+7)

**Short Essay (3x7=21)**

2. Describe the pathogenesis of hypoxic cell injury  
3. Enlist the gross and cytological features of malignant tumors  
4. Describe the process of wound healing by first intention

**Answer briefly (5x3=15)**

5. Define hyperaemia. Classify hyperaemia with examples  
6. Differentiate dry and wet gangrene.  
7. Enumerate the types of chemical carcinogens with examples  
8. Describe Fat Necrosis  
9. Define Giant cells. List the different types of giant cells

**PART – B**

**Essay (14)**

10. Define Bronchial Asthma. Explain the pathogenesis of Bronchial asthma. Describe the morphology of lung in Bronchial Asthma. (2+6+6).

**Short Essay (3x7=21)**

11. Enumerate the differences between gastric and duodenal ulcer  
12. Describe the sequence of pathological changes in acute Pyogenic Osteomyelitis  
13. Explain the Types, pathogenesis and clinical features of renal stones.

**Answer briefly (5x3=15)**

14. Enlist the lesions of Vitamin A deficiency  
15. Define atherosclerosis. Sketch the morphology of atherosclerosis  
16. Enumerate the laboratory findings of Acute Myeloid Leukaemia  
17. Describe the aetiopathogenesis of Hyperthyroidism  
18. Define and classify cirrhosis of liver

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