

**Second Professional BHMS Degree Regular/Supplementary Examinations  
February 2023**

**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 inflammation. Mention the types and describe the events in acute inflammation (3+2+9)

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

2. Mention the differences between Dystrophic and Metastatic calcification.
3. Explain the pathogenesis of reversible cell injury
4. Explain the pathogenesis of oedema.

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

5. Define infarction. List the types of infarcts
6. List three conditions with pigment deposition
7. Define metastasis. List the routes of metastasis
8. Define hemorrhage. Enlist three causes of hemorrhage
9. What is nutmeg liver

**PART – B**

**Essay (14)**

10. Define and classify peptic ulcer. Enumerate the differences between gastric and duodenal ulcer. (3+3+8)

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

11. Define emphysema. Explain the pathogenesis of emphysema
12. Enumerate the aetiology and laboratory diagnosis of iron deficiency anaemia.
13. Explain the aetiopathogenesis of fatty liver

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

14. Define jaundice. Mention three causes of pre-hepatic jaundice
15. List three causes of acute pancreatitis
16. Enlist three features of dry beri beri
17. Define cholecystitis. List the types of cholecystitis
18. Definition and types of osteoarthritis

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