

Q.P. Code: 211004

Reg. No.:.....

**Second BHMS Degree Supplementary Examinations October 2021**

**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 shock. Classify shock based on aetiology. Describe the pathogenesis of compensated shock and progressive decompensated shock (2+2+5+5)

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

2. Describe the various giant cells in inflammation
3. Explain the pathologic types of atrophy
4. Explain the role of hormones in development of neoplasia

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

5. Differentiate three features of dry gangrene and wet gangrene
6. List three differences between metaplasia and dysplasia
7. State any three effects of ischaemia
8. List three differences in microscopic features of benign and malignant tumours
9. List the major classes of lipoproteins

**PART – B**

**Essay (14)**

10. Define pneumonia. Classify pneumonia based on aetiology. Describe the pathogenesis of pneumonia. (2+3+9)

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

11. Explain the types of angina pectoris
12. Describe the pathogenesis of acute osteomyelitis
13. Explain the aetio-pathogenesis of acute pyelonephritis

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

14. Define emphysema
15. Define anaemia
16. List three causes of otitis media
17. Myxoedema
18. Explain the pathogenesis of breast abscess

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