

Reg. No. ....

**Second Year BPT Degree Regular/Supplementary Examinations  
September 2019**

**Pathology & Microbiology**

**(2016 Scheme)**

**Q P Code: 224014**

**Section A – Pathology**

**Marks: 50**

**Essays**

**(15)**

1. Define meningitis. Types of meningitis, CSF findings in each types of meningitis.

**(4+4+7)**

**Short Essays**

**(2x10=20)**

2. Classify gangrene. Tabulate the differences between dry gangrene and wet gangrene.  
3. Describe in detail the etiology and pathology of osteomyelitis

**Short Answers**

**(5x3=15)**

4. Bronchiectasis  
5. Peptic ulcer  
6. Protein energy malnutrition  
7. Vitamin D Deficiency.  
8. Hypersensitivity type 1 reaction

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**Section B – Microbiology**

**Marks: 50**

**Essays**

**(15)**

1. Define sterilization. Classify different methods of sterilization. Describe sterilization by moist heat method.

**Short Essays**

**(2x10=20)**

2. Define and classify immunity. Discuss the different types with suitable examples.  
3. Universal precaution

**Short Answers**

**(5x3=15)**

4. Laboratory diagnosis of tuberculosis  
5. List three infections transmitted by mosquito  
6. List six organisms causing meningitis  
7. Three disinfectants used in hospital  
8. Window period in HIV

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