

Reg. No. ....

**Second Year BPT Degree Examinations September 2018**

**Pathology & Microbiology**

**(2016 Scheme)**

**Q P Code: 224014**

**Section A – Pathology**

**Marks: 50**

**Essays**

**(15)**

1. Define and classify neoplasia. Discuss the differences between benign and malignant tumor. (4+4+7)

**Short Essays**

**(2x10=20)**

2. Wound healing
3. Hemophilia

**Short Answers**

**(5x3=15)**

4. List any four signs of acute inflammation.
5. Granuloma.
6. Components of Fallot's tetralogy
7. Mention four components of diabetes mellitus.
8. Metastatic calcification

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**Section B – Microbiology**

**Marks: 50**

**Essays**

**(15)**

1. Define and classify sterilization and disinfection. Describe chemical methods of sterilization in detail

**Short Essays**

**(2x10=20)**

2. Define pyrexia of unknown origin. Enumerate the etiologic agents. Describe the laboratory diagnosis of typhoid fever.
3. Describe the laboratory diagnosis and prophylaxis against hepatitis B virus

**Short Answers**

**(5x3=15)**

4. Functions of IgG.
5. Types of bacteria based on flagellar arrangement and one example for each.
6. Name three zoonotic diseases and their causative agent.
7. Name three opportunistic fungi and infections caused by them.
8. Diethylcarbamazine provocation test for filariasis

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