

Reg. No. ....

**Second Year BPT Degree Supplementary Examinations March 2020**

**Pathology & Microbiology**

**(2016 Scheme)**

- **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**
- **Write section A and section B in separate answer books (32 Pages). Do not mix up questions from section A and section B.**

**Q P Code: 224014**

**Section A – Pathology**

**Marks: 50**

**Essays**

**(15)**

1. Define necrosis. Write types of necrosis and describe each types of necrosis. (4+4+7)

**Short Essays**

**(2x10=20)**

2. Define edema. Discuss etiopathogenesis of edema.
3. Define and classify neoplasia. Discuss the difference between benign and malignancy tumors

**Short Answers**

**(5x3=15)**

4. Atherosclerosis
5. Hemophilia
6. Hashimoto's thyroiditis
7. Rheumatoid arthritis
8. Alcoholic liver disease

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**Section B – Microbiology**

**Marks: 50**

**Essays**

**(15)**

1. Discuss the different routes and sources of infection with suitable examples.

**Short Essays**

**(2x10=20)**

2. What pyrexia of unknown origin. Add a note on blood culture
3. Bacterial drug resistance and its implications on patient care

**Short Answers**

**(5x3=15)**

4. Post exposure prophylaxis
5. Acute rheumatic fever
6. List three organisms causing respiratory infection
7. Three antiseptics used in hospital
8. BCG vaccine

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