

Reg. No. ....

**Second Year BPT Degree Supplementary Examinations August 2022**  
**Pathology & Microbiology**  
**(2016 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*
- *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 anemia. Classify anemias and give laboratory diagnosis of iron deficiency anemia. (4+4+7)

**Short Essays** (2x10=20)

2. Discuss vascular and cellular events in acute inflammation.
3. Describe the process of wound healing in primary intention. Add a note on factors that affect wound healing.

**Short Answers** (5x3=15)

4. Lobar pneumonia
5. Gout
6. Rickets
7. Rheumatic heart disease
8. Diabetic nephropathy

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**Section B – Microbiology**

**Marks: 50**

**Essays** (15)

1. Describe the modes of transmission, laboratory diagnosis and prophylaxis of hepatitis B virus infection

**Short Essays** (2x10=20)

2. Urinary tract infection
3. Biomedical waste management

**Short Answers** (5x3=15)

4. Laboratory diagnosis of HIV
5. List three sexually transmitted infection
6. List three opportunistic fungal infection
7. Name three zoonotic diseases
8. Laboratory diagnosis of typhoid fever

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