

# **2012 Scheme**

**Reg. No.:**.....

## **Second Year BPT Degree Supplementary Examinations June 2021**

### **Microbiology and Pathology**

**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 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: 214014      Section A – Microbiology      Marks: 50**

**Essay:** (14)

1. Name the bacterial agents causing sexually transmitted diseases. Write the pathogenesis and laboratory diagnosis of syphilis.

**Short notes:** (2x8=16)

2. Dermatophytes
3. Sterilization by moist heat

**Answer briefly:** (5x4=20)

4. Mycotoxins
5. Negri bodies
6. Bacterial capsule
7. Anaphylaxis
8. Widal test

**Q P Code: 215014      Section B – Pathology      Marks: 50**

**Essay:** (14)

1. Define inflammation. Describe the various vascular and cellular events involved in acute inflammation. Add a note on morphology and fate of acute inflammation

**Short notes:** (2x8=16)

2. Define and classify pneumonia. What are the etiological factors and pathologic changes involved in lobar pneumonia
3. Define anaemia. Classify hemolytic anaemia. Write about its etiopathogenesis and laboratory diagnosis

**Answer briefly:** (5x4=20)

4. Gouty arthritis
5. Benign vs malignant neoplasm
6. Bronchial asthma
7. Obesity
8. Gastric ulcer