

# **2012 Scheme**

Reg. No.:.....

## **Second Year BPT Degree Supplementary Examinations February 2024**

### **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. Discuss the various transmission methods of HIV, the clinical features and laboratory diagnosis of HIV infection.

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

2. List the various roles of Cell mediated immunity with specific examples.
3. Enumerate most common bacterial agents of Sexually transmitted diseases and write briefly about laboratory diagnosis of anyone.

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

4. Mucosal immunity.
5. Standard precaution in relation to patient care and disease prevention
6. Mycotoxins
7. Cold method of Sterilization
8. Prophylaxis of tetanus

\*\*\*\*\*

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

**Marks: 50**

**Essay: (14)**

1. Define Aneurysm. Classification of Aneurysm. Write a note on complications of Aneurysms

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

2. Pathogenesis of Tuberculosis
3. Define Oedema. Discuss the pathogenesis and types of Oedema

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

4. Bronchial Asthma
5. Discuss the fate of Thrombus
6. CSF findings in pyogenic meningitis
7. Leukemoid reaction
8. Gout

\*\*\*\*\*