

**Second Year BPT Degree Supplementary Examinations  
September 2018**

**Microbiology and Pathology  
(2010 Scheme)**

**Time: 3 hrs**

**Max marks: 100**

- Answer all questions
- 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: 205014**

**Section A – Microbiology**

**Marks: 50**

**Essay:**

**(10)**

1. List the microbes spread through blood transfusion. Briefly describe the laboratory diagnosis and prevention of hepatitis B infection.

**Short notes:**

**(5x5=25)**

2. Malaria
3. Pulmonary tuberculosis
4. Opportunistic fungal infections
5. Routes of spread of HIV infection
6. Cholera

**Answer briefly:**

**(5x3=15)**

7. Three air-borne infections
8. Barrier nursing
9. THREE mosquito borne diseases (name the mosquito and disease caused)
10. THREE bacteria causing acute pyogenic meningitis
11. Three fungal infections of the skin

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**Section B – Pathology**

**Marks: 50**

**Essay:**

**(10)**

1. Describe the different types of necrosis with examples.

**Short notes:**

**(5x5=25)**

2. Pyogenic meningitis.
3. Cholelithiasis (gall stones).
4. Thrombosis.
5. Rheumatic heart disease
6. Hemophilia A

**Answer briefly:**

**(5x3=15)**

7. Granuloma.
8. Tuberculoid leprosy.
9. Osteoarthritis.
10. Any three features of SLE
11. Etiology of peptic ulcer.

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