

**B.P.T. [2<sup>nd</sup> Prof.]**

BF/2006/11

## **Pathology and Microbiology**

**M.M. : 90**

**Time : 3 Hours**

### **Section - A**

*All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks.*

**[20]**

**Discuss briefly:**

1. Define Degeneration.
2. Define Osteomyelitis.
3. Name Haemoparasites.
4. Thrombosis.
5. Exudate.
6. Chemotaxis.
7. Rickets.
8. Define Embolism.
9. Spores.
10. Motility.

### **Section - B**

*Attempt any 8 questions. Answer to each question upto 2 pages in length. Each questions carries 5 Marks.*

**[40]**

**Discuss briefly:**

1. Laboratory diagnosis of Tuberculosis.
2. Type II hypersensitivity reaction.
3. Etiology of Hepatitis.
4. Sexually transmitted disease.
5. Bronchiectasis.
6. Lepromatous Leprosy.
7. Modes of Tumor spread.
8. Tumors of bone.
9. Scurvy.
10. Disinfectants.
11. Organisms causing Urinary tract infection.
12. Hospital acquired infections.

### **Section - C**

*Attempt any 2 questions. Answer to each question upto 5 pages in length. Each questions carries 15 Marks.*

**[30]**

1. Discuss etiology, pathogenesis and pathology of Rheumatic Heart disease.
2. Discuss briefly laboratory diagnosis of Staphylococcal infection.
3. Describe briefly Microcytic Hypochromic Anaemia (Iron deficiency anaemia). Discuss peripheral smear & bone marrow findings in Iron deficiency anaemia?
4. Discuss briefly chemical mediators of Inflammation