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**B.P.T. [2<sup>nd</sup> Prof.]**  
BF/2007/12

**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]

1. Cardinal signs of inflammation.
2. Wet gangrene.
3. Pernicious anaemia.
4. Muscular dystrophy.
5. Megaloblast.
6. Lipoma.
7. Borderline leprosy.
8. Negri body.
9. Structure of Cryptococcus.
10. Portal of entry of infectious agents.

**Section - B**

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each questions carries 5 Marks. [40]

1. Etiopathogenesis of Rheumatoid arthritis.
2. Pyogenic osteomyelitis.
3. Vascular events in inflammation.
4. Fracture healing.
5. Risk factors in Atherosclerosis.
6. Laboratory findings in Iron deficiency anaemia.
7. Contrasting features of Apoptosis versus Necrosis.
8. Amniotic fluid embolism.
9. Hospital acquired infection.
10. Etiopathogenesis of AIDS.
11. Lab. Diagnosis of Typhoid fever.
12. Urine microscopic examination.

**Section - C**

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each questions carries 15 Marks. [30]

1. Define Necrosis. What are the different types of Necrosis. Explain with examples.
  2. Explain the different types of Hypersensitivity reactions along with examples.
  3. Discuss the etiopathogenesis and morphology of various lesions in Rheumatic fever.
  4. Define Emphysema. Discuss the etiopathogenesis, morphology and complications of Emphysema.
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