



[Time: 3 Hours]

[Max. Marks: 100]

DIPLOMA IN CLINICAL PATHOLOGY

**PAPER I**

**Q.P. CODE: 9331**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Discuss the lab diagnosis of Mycobacterium tuberculosis
2. Discuss the mechanism of invasion and metastasis of neoplasms

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Autoimmunity
4. Disseminated intravascular coagulation
5. Pathogenesis of septic shock
6. Graft versus host disease
7. Significance of HBeAg and HBsAg markers in Hepatitis B infection
8. Alpha - 1 antitrypsin deficiency

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