

# PATHOLOGY AND MICROBIOLOGY

**NOVEMBER -2006**

Section B & C Marks 40

Total Duration : Section A +B + C = 3  
Hours .

**SECTION -B (20 Marks)**

**General Pathology**

(SAQ) (10x2=20)

2) Answer any five out of six :

- a) Tumour markers.
- b) Fatty change.
- c) Healing of fracture.
- d) Primary complex.
- e) Squamous cell carcinoma.
- f) Differences between transudate and exudate.

LAQ 10 Marks

3) A) Define thrombosis and write in detail pathogenesis of thrombus formation.

## **SECTION -C .**

### **Microbiology and Parasitology**

4) Answer the following (any five out of six) : (5x2=10)

A) Mention four differences between bacteria and virus.

B) Draw a diagram illustrating the structure of immunoglobulin and label it.

C) Mention lesions caused by streptococcus pyogens.

D) Mention correct stages of viral multi-lication.

E) Mention four different types of carriers.

F) Draw the diagram illustrating life cycle of Entamoeba histolytica.

LAQ 10 Marks

5) A) Mention the Oral microbial flora. Describe morphology, Pathogenicity

of *Corynebacterium diphtheria* and laboratory diagnosis of Diphtheria.

