

MARCH 2008**[KS 1506]****Sub. Code : 3008**

DIPLOMA IN CLINICAL PATHOLOGY EXAMINATION.

Paper I — GENERAL AND SYSTEMIC PATHOLOGY

(Common to all regulations)

Q.P. Code : 343008

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay : (2 × 20 = 40)

(1) 57 male presenting with cough, weight loss, chest pain, dyspnoea and haemoptysis of 3 months duration. He is having painful bony lesions, paralysis of recurrent nerve. (20)

- (a) What is your diagnosis?
- (b) Discuss etiopathogenesis.
- (c) Write the pathologic changes.

(2) 8 year child develops fever, malaise, nausea, oliguria and smoky urine 1-2 weeks after recovery from a sore throat. (20)

- (a) What is your diagnosis?
- (b) Discuss etiopathogenesis.
- (c) Write pathologic changes and immuno fluorescence and electron microscopic findings.

II. Write short notes on : (10 × 6 = 60)

- (1) Chemical mediators of inflammation.
 - (2) Biochemical and molecular basis of Mendelian disorders.
 - (3) Molecular basis of multistep carcinogenesis.
 - (4) Deficiencies of factor VIII-VWF complex.
 - (5) Pulmonary alveolar proteinosis.
 - (6) Community acquired atypical pneumonias.
 - (7) Classify odontogenic cysts and tumors and discuss.
 - (8) Inflammatory bowel disease.
 - (9) Pathophysiology of jaundice.
 - (10) Prostatic carcinoma.
-