

F 8226

Reg. No.....

Name.....

**SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION  
SEPTEMBER 2010**

Pathology

Paper II—HAEMATOLOGY AND SYSTEMIC PATHOLOGY

Time : One Hour and Fifty Minutes

Maximum : 32 Marks

*Write Sections A-II and B in separate answer-books.*

*Illustrate with diagrams wherever necessary.*

**Section A-II**

II. Read the history and answer the following questions :

A 50 year old man developed sudden severe dyspnoea and cough with frothy blood tinged sputum. On enquiry he indicated that he had severe chest pain earlier. He also mentioned of earlier similar episodes. O/E his BP was 120/80 with a pulse rate of 92/min. He suddenly developed hypotension which did not revert. All supportive measures were given but died 24 hours later.

- (a) What is your complete diagnosis ?
- (b) What is the significance of his past history ?
- (c) Explain the pathogenesis of his hypotension and death.
- (d) If an autopsy were performed, what are the organs which will show the changes which contributed to his disease and death ?

(2 + 1 + 3 + 2 = 8 marks)

**Section B**

III. Define and classify Myelodysplastic syndromes. Discuss the etiology, pathogenesis and natural history of Myelodysplastic syndromes.

(2 + 4 = 6 marks)

IV. Write short notes on :

- (a) Germ cell tumours of the ovary.
- (b) Pathology of inflammatory bowel disease.
- (c) Lobar pneumonia – Pathogenesis and outcomes.

(6 × 3 = 18 marks)