



**SECOND PROFESSIONAL M.B.B.S. DEGREE (ADDITIONAL BATCH)
EXAMINATION, MARCH 2011**

PATHOLOGY Paper II—HAEMATOLOGY AND SYSTEMIC PATHOLOGY

Time : 1 Hour and 50 Minutes

Maximum : 32 Marks

Write Section A-II and B in separate answer-books.

Illustrate with diagrams wherever necessary.

Section A-II

II. Read the history and answer the questions :

A 60 year old man presented with backache and pallor. O/E he had tenderness at the level of L₁, L₂, L₃ vertebrae. Para Paresis was present.

Investigations showed 8 gm Haemoglobin, and an ESR of 140mm/1st hour . X-Rays showed multiple lytic lesion in the skull and ribs :

- | | |
|--|-----------|
| (a) What is your diagnosis ? | (1 marks) |
| (b) Explain the reasons for his pallor, and paraparesis. | (2 marks) |
| (c) Name two investigations which will confirm the diagnosis. | (2 marks) |
| (d) Describe the blood picture in this condition. | (2 marks) |
| (e) Name one conditions where the investigation results may be similar but without any bone lesions. | (1 marks) |

[8 marks]

Section B

- | | |
|--|-----------|
| III. 1 Define Emphysema. | (1 mark) |
| 2 Classify Emphysema. | (1 mark) |
| 3 Discuss the etiopathogenesis of Emphysema. | (3 marks) |
| 4 Mention two complications of Emphysema. | (1 mark) |

[6 marks]

IV. Write short notes on :

- (a) Pathology and etiopathogenesis cirrhosis liver. (6 marks)
- (b) Classify epithelial tumours of the ovary with detailed description of one type. (6 marks)
- (c) Diagnosis of a suspected Haemolytic anaemia – Describe the tests used to confirm the various types. (6 marks)