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Reg. No.....

Name.....

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

PATHOLOGY—Paper I—(GENERAL PATHOLOGY AND CLINICAL 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. A 25 year old woman developed malar rashes with swelling and tenderness of the peripheral joints. She was found to have haemolytic anaemia and thrombocytopenia. Urine showed 3 + proteinuria and was positive for blood.

- (a) What is your probable diagnosis ?
- (b) What is her haematological problem called ?
- (c) What are the tests that would confirm the diagnosis ?
- (d) Describe briefly the pathogenetic mechanisms of her disease complex.

(1 + 1 + 2 + 4 = 8 marks)

Section B

- III. (a) Define shock. (1 mark)
- (b) List the types of shock. (1 mark)
- (c) Mention the stages of shock. (1 mark)
- (d) Briefly describe the mechanisms of shock in gram-negative septicaemia. (3 marks)

IV. Write short notes on :

- (a) Chemical Mediators of Inflammation.
- (b) Microscopic examination of urine sediment.
- (c) Mechanisms in VIRAL oncogenesis.

(3 × 6 = 18 marks)