

G 1256

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Reg. No.....

Name.....



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

**PATHOLOGY—Paper I (GENERAL PATHOLOGY AND CLINICAL PATHOLOGY)**

Time : 1 Hour and 50 Minutes

Maximum : 32 Marks

*Answer Sections A-II and B in separate answer books.  
Illustrate wherever necessary.*

**Section A-II**

II. A 74 year old diabetic man presented with fever, chills, Pallor and dimness of vision. O/E he had pedal odema. His BP was 200/110 mm of Hg. Investigations showed a Hb of 4 gm%. reticulocyte count of less than 0.5%, Blood Sugar of 350 mg%, Blood urea of 109 mg % and a S. creatinine of 3.4 mg%. Urine examination showed – Sugar ++, Albumin ++ with plenty of hyaline casts and pus cells.

- 1 What is your complete Diagnosis ? (1 mark)
- 2 Explain the reason for his : (a) Anaemia.  
(b) Proteinuria and  
(c) Fever.

(3 marks)

- 3 How are Urinary Casts formed ? (1 mark)
- 4 Describe the pathogenesis of Odema in this patient. (1 mark)
- 5 Enumerate the etiology of the different types of Odema. (2 marks)

[8 marks]

**Section B**

- III. 1 Describe the healing of a wound by second intention. (3 marks)
- 2 Enumerate the factors influencing Healing. (1 mark)
- 3 Enumerate the complications of healing. (2 marks)

[6 marks]

**Turn over**

IV. Write short notes on :

(a) Chemical Carcinogenesis.

(6 marks)

(b) Embolism.

(6 marks)

(c) Chemical Mediators of Inflammation.

(6 marks)

[3 × 6 = 18 marks]