

MP 171

M.D. DEGREE EXAMINATION

Branch XIV - Forensic Medicine

(Revised Regulations)

Part II

Paper II - FORENSIC PATHOLOGY, FORENSIC
IMMUNOLOGY AND FORENSIC BIOCHEMISTRY

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the pathophysiology of shock. (25)
2. Elucidate the hazards in blood transfusion. (25)
3. Write briefly on:
 - (a) Acute myocardial infarction - Diagnosis at autopsy.
 - (b) Biochemical analysis of vitreous humour
 - (c) Entomology of cadaver
 - (d) Malignant hyperthermia
 - (e) Septicaemia.

(5x10=50)

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(For candidates admitted from 1993-94)

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Time: Three hours

Max. marks:100

Answer All Questions

1. Give a brief account of the various host factors which impair or modify the normal process of wound healing. (25)
2. Discuss the different mechanisms involved in the causation of acute tubular necrosis and describe the clinical course of the condition. (25)
3. Write briefly on:
 - (a) Hazards of radiation
 - (b) Chronic sub-dural haematoma
 - (c) Absorption inhibition technique
 - (d) Restriction endonucleases
 - (e) Granulation tissue.

(5x10=50)

April-2000

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Branch XIV — Forensic Medicine

Part II

**Paper II — FORENSIC PATHOLOGY, FORENSIC
IMMUNOLOGY AND FORENSIC BIOCHEMISTRY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Give a detailed account of group secretors. Discuss the role of group secretors in crime investigation. (25)
 2. Discuss Transplantation Immunology. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Vital Reaction
 - (b) Genetic Engineering
 - (c) Tumour and Trauma
 - (d) Precipitin Test
 - (e) Recombinant DNA Technology
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