

SV 364

APRIL 1998

DIPLOMA IN PHYSICAL MEDICINE AND  
REHABILITATION

(New Regulations)

Part I

Paper I - BASIC SCIENCES IN RELATION TO  
PHYSICAL MEDICINE AND  
REHABILITATION

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the anatomy of Brachial Plexus. (25)
  2. Classify the skeletal muscles of the human body. Discuss the physiology of muscle contraction. (25)
  3. Write briefly on:
    - (a) Acetyl choline
    - (b) Claw hand
    - (c) Rheumatoid nodule
    - (d) Faradic current
    - (e) Basal metabolic rate. (5x10=50)
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**APRIL 1999**

**[SG 1549]**

**Sub. Code : 3061**

**DIPLOMA IN PHYSICAL MEDICINE AND  
REHABILITATION EXAMINATION.**

**(New Regulations)**

**Part I**

**BASIC SCIENCES IN RELATION TO PHYSICAL  
MEDICINE AND REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL the questions.**

1. Describe the differences between the Atlas, the Axis and a typical cervical vertebra. Discuss the importance and manifestations of atlanto-axial joint in traumatic and pathological conditions. (25)
  2. Describe the physiology of pain, its theories and investigations for pain. Add a note on the Physical Medicine management of pain due to various causes. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Tarsal tunnel syndrome.
    - (b) Enzymes in muscle disorders.
    - (c) Thermionic valves.
    - (d) NSAID.
    - (e) Cerebrospinal fluid.
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**MARCH 2000**

**[KB 1549]**

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REHABILITATION EXAMINATION.**

**(New Regulations)**

**Part I**

**Paper I — BASIC SCIENCES IN RELATION TO  
PHYSICAL MEDICINE AND REHABILITATION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Describe the anatomy of excretory system and explain the pathophysiology of Micturition. (25)
  2. Describe the regulation of posture. (25)
  3. Write a short note on : (5 × 10 = 50)
    - (a) Galavanic current
    - (b) Pes planus
    - (c) Hemophilic arthritis
    - (d) Dupuytren's contracture
    - (e) Cervical rib.
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