

# MD[ Medicine ]

BF/2009/05

## Basic Sciences as related to Medicine

[Paper-I]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Discuss heme biosynthesis with reference to Porphyrrias. [25]
  
2. **Write briefly:**
  - a. Drug interaction. [9]
  - b. Kidney transplant. [8]
  - c. Hyponatremia. [8]
  
3. **Write short notes on:**
  - a. Types of various nerve fibres and its clinical importance. [10]
  - b. Bronchopulmonary segments. [8]
  - c. Vasovagal episode and its management. [7]
  
4. Briefly discuss Acidosis and its counter regulatory mechanism. [25]

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## Principles of Medicine

[Paper-II]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Write clinical features and management of Cerebral Malaria. [30]
  
2. Classify systemic Vasculitis. Discuss the management of small vessel vasculitis. [30]
  
3. **Write short notes on:**
  - a. Stem Cell therapy. [13]
  
  - b. Acute HIV syndrome. [13]
  
  - c. National rural health mission. [14]

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## Practice of Medicine

[Paper-III]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Discuss the health risks associated with Obesity and advances in Obesity management. [25]
  
2. **Write short notes on:**
  - a. Acute Intermittent Porphyria. [10]
  - b. Acute coronary syndromes. [15]
  
3. **Discuss briefly:** [5x10=50]
  - a. Recent advances in laboratory diagnosis of Infective endocarditis.
  - b. Broncho-pulmonary Aspergillosis.
  - c. Management of Cryptococcal meningitis.
  - d. Sero-negative spondyloarthropathies.
  - e. Cancer biomarkers.

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## Recent Advances in Medicine

[Paper-IV]

**Time : 3 Hours**

**M.M.: 100**

*Note: Attempt all questions.*

1. Discuss the current management of Chronic hepatitis C. [20]
  
  2. Discuss recent advances in the diagnosis and management of Pheochromocytoma. [20]
  
  3. Discuss recent trends in the treatment of acute Respiratory distress syndrome. [20]
  
  4. **Write short notes on:** [20]
    - a. Diastolic dysfunction.
    - b. Smoking cessation.
  
  5. **Discuss in brief:** [20]
    - a. Hemolytic uremic syndrome.
    - b. Vascular dementia.
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