

**GENERAL MEDICINE**

**PAPER – I**

**Time : 3 hours**

**Max. Marks : 100**

**MED/D/12/11/I**

**Attempt all questions in order.**

**Each question carries 10 marks.**

1. Define disseminated intravascular coagulation (DIC). Enumerate the causes of DIC and discuss clinical approach to its management. 2+(4+4)
2. Define fever of unknown origin (FUO) and classify FUO. Discuss the etiology of FUO in an immunocompromised patient. (1+4)+5
3. Define acute lung injury. Describe the etiology, pathophysiology and management of acute lung injury. 1+(3+3+3)
4. Define chronic diarrhea. Discuss its etiology and the diagnostic approach to a case of chronic diarrhea. 1+(4+5)
5. Define hypoglycemia. Discuss its etiology, clinical features and diagnostic evaluation. 1+(3+3+3)
6. Define hypertension. Classify and enumerate the causes of secondary hypertension. Describe hypertensive emergencies and their management. 1+(2+2)+5
7. Discuss the electrophysiology, etiology and management of Atrial Fibrillation. 3+3+4
8. Define hyponatremia. Discuss the etiology, clinical manifestations and management of hyponatremia. 1+(3+3+3)
9. Discuss the risk factors for atherosclerosis. Describe the management of dyslipidemias. 5+5
10. Describe the measures of nutritional assessment. Classify obesity and discuss its medical management. 4+(3+3)

\*\*\*\*\*

**GENERAL MEDICINE**

**PAPER – II**

Time : 3 hours  
Max. Marks : 100

MED/D/12/11/II

Attempt all questions in order.  
Each question carries 10 marks.

1. Define syndrome of inappropriate anti-diuretic hormone (SIADH). Discuss the causes, clinical manifestations and management of SIADH. 1+(3+3+3)
2. Discuss the clinical features, complications and management of Plasmodium falciparum malaria. 3+3+4
3. A primigravida lady develops acute onset breathlessness on the second day following delivery of a normal healthy baby. Discuss the possible causes and clinical approach to diagnosis & management. 10
4. Define hospital acquired pneumonia. Discuss the etiology, diagnosis and management of Hospital acquired pneumonia. 1+(3+3+3)
5. What is extremely drug-resistant tuberculosis (XDR-TB)? Discuss its diagnosis and management. 2+(3+5)
6. Define renal replacement therapy and enumerate the strategies. Discuss the indications and complications of hemodialysis. 2+(3+5)
7. Describe the various paraneoplastic neurological syndromes in clinical practice. Discuss the diagnostic approach in a patient with neuropathy. 6+4
8. Enumerate oncologic emergencies. Discuss the clinical features, diagnosis and management of tumour lysis syndrome. 2+(2+3+3)
9. Discuss the diagnosis and management of chronic hepatitis B infection. 5+5
10. Define shock. Discuss the etiology, diagnosis and management of hypovolemic shock. 1+(2+3+4)

\*\*\*\*\*

**GENERAL MEDICINE**

**PAPER – III**

Time : 3 hours  
Max. Marks : 100

MED/D/12/11/III

Attempt all questions in order.  
Each question carries 10 marks.

1. Classify lupus nephritis. Describe its clinical features, diagnosis and management. 2+(2+3+3)
2. Discuss the clinical features, diagnosis and management of Parkinson's disease. 4+2+4
3. Enumerate the causes of hepatic steatosis. Discuss the clinical features, diagnosis and management of non alcoholic fatty liver disease. 3+(2+2+3)
4. Discuss the risk factors, diagnosis and management of acute pulmonary embolism in pregnancy. 3+4+3
5. Describe the pathophysiology, clinical features, diagnosis and management of polycystic ovarian syndrome. 2+3+3+2
6. Describe the pathophysiology, diagnosis and management of chronic stable angina 3+4+3
7. Describe the clinical manifestations, management and complications of organo-phosphorous poisoning. 3+4+3
8. Describe the clinical features, diagnosis and management of chronic myeloid leukemia. 3+3+4
9. An intern sustains a needle-prick injury in the hospital ward. Discuss the approach to and medical management of the intern vis-à-vis risk of HIV infection. 5+5
10. Discuss the blood transfusion associated reactions and their management. 5+5

\*\*\*\*\*

FINAL EXAM  
DECEMBER 2012

NATIONAL BOARD OF EXAMINATIONS

**GENERAL MEDICINE**

**PAPER – IV**

**Time : 3 hours**  
**Max. Marks : 100**

**MED/D/12/11/IV**

**Attempt all questions in order.**  
**Each question carries 10 marks.**

1. Describe iron metabolism in the human body. Discuss the interactions between iron and infections. 4+6
2. Classify and enumerate antifungal agents. Discuss the management of cryptococcal meningitis. 5+5
3. Describe the rapid diagnostic tests for malaria. Discuss their advantages and disadvantages. 6+4
4. Describe immunization and vaccination. Discuss the vaccines recommended for geriatric population. 5+5
5. Discuss the pathophysiology, clinical features and management of methyl alcohol poisoning. 3+4+3
6. Define epidemiology of a disease. Discuss the components and the measures to determine the burden of a disease. 3+7
7. What is the concept of 'window period' in HIV infection? Discuss the methods and strategies of diagnosis of HIV infection recommended for India. 4+6
8. Enumerate and classify beta blockers. Discuss the indications of beta blockers in medicine. 3+7
9. Discuss risk stratification and management of a case of dog bite. 5+5
10. What are induced pluripotent stem cells? Describe stem-cell therapy and discuss its role in medical therapeutics. 2+(4+4)

\*\*\*\*\*