GENERAL MEDICINE

PAPER – I

Time : 3 hours
Max. Marks : 100

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)

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GENERAL MEDICINE

PAPER – II

Time : 3 hours
Max. Marks : 100

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.

2. Discuss the clinical features, complications and management of Plasmodium falciparum malaria.

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.

4. Define hospital acquired pneumonia. Discuss the etiology, diagnosis and management of Hospital acquired pneumonia.

5. What is extremely drug-resistant tuberculosis (XDR-TB)? Discuss its diagnosis and management.

6. Define renal replacement therapy and enumerate the strategies. Discuss the indications and complications of hemodialysis.

7. Describe the various paraneoplastic neurological syndromes in clinical practice. Discuss the diagnostic approach in a patient with neuropathy.

8. Enumerate oncologic emergencies. Discuss the clinical features, diagnosis and management of tumour lysis syndrome.

9. Discuss the diagnosis and management of chronic hepatitis B infection.

10. Define shock. Discuss the etiology, diagnosis and management of hypovolemic shock.

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POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.
FINAL EXAM
DECEMBER 2012

GENERAL MEDICINE
PAPER – III

Time : 3 hours
Max. Marks : 100

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

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GENERAL MEDICINE
PAPER – IV

Time : 3 hours
Max. Marks : 100

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)