

Write short notes on:

1. Discuss the evaluation of a patient with acute renal failure?
2. Discuss the clinical features, diagnosis and management of Wilson's disease.
3. Critically comment on the benefits and risks of postmenopausal hormone therapy.
4. Write briefly about the effects of pregnancy on valvular heart disease.
5. What are the causes of hypocalcaemia? Outline the investigative approach and management of such a case.
6. Discuss the pathophysiology, clinical features and diagnostic tests for gastro-esophageal reflux disease.
7. Current status of myocardial markers.
8. Describe the management of health care personnel who has received a needle stick surgery.
9. Quantification status of obesity.
10. Management of acute adrenal crisis.

Write short notes on:

1. Low molecular weight heparins: their basic and applied considerations.
2. Outline the management of thyroid storm.
3. Management of chronic hepatitis B.
4. Sleep apnea syndrome
5. Dermatological manifestations of diabetes mellitus
6. HIV infections and the gut.
7. Management of membranous glomerulonephritis.
8. Drug induced liver injury.
9. Management of refractory epilepsy.
10. Management of severe and complicated malaria.

Write short notes on:

1. Describe briefly various pharmacological treatment approaches of Alzheimer disease.
2. Describe briefly the motor feature of Parkinson's disease.
3. Discuss the etiology, clinical features and management of cortical venous thrombosis.
4. Discuss the cutaneous manifestations of systematic diseases.
5. Define skin failure and enumerate its causes.
6. Discuss the etiopathogenesis of lichen planus
7. Discuss the conservative guidelines with respect to the drug treatment of acute mania and bipolar disorders.
8. Discuss obsessive compulsive neurosis.
9. Discuss in brief mechanical ventilatory support.
10. Briefly discuss the principles of management of organophosphorous poisoning.

Write short notes on:

1. Liposomal drug delivery system
2. Stem cell therapy
3. Recent advances in cardiac imaging.
4. Newer insulins.
5. Conducting system of the heart.
6. Chemoprevention of colorectal cancer
7. Apoptosis
8. Monoclonal antibodies and their applications
9. Prion diseases
10. Null hypothesis

Write short Notes on:

1. Management of malaria in pregnancy.
2. HIV drug resistance and its prevention.
3. Current status of coronary stents and its safety issues.
4. Postmenopausal hormone therapy.
5. Narcolepsy.
6. Current status of stem cell transplantation therapy in clinical medicine.
7. Describe MELAS
8. Sjogren's syndrome.
9. Solitary pulmonary nodule: investigation approach.
10. GLP1 – physiological role and therapeutics.

Write short Notes on:

1. Describe GOLD staging, risk factors and role of non pharmacological therapies in COPD.
2. Predictors of severity of acute pancreatitis.
3. Role of immunomodulators in MDR – TB management.
4. Management of post myocardial infarction tachyarrhythmia
5. Management of dengue shock syndrome.
6. Pseudotumour cerebri.
7. Interferons – types and utility in clinical medicine.
8. Chikunguniya arthritis – pathogenesis and management.
9. Pseudohypoparathyroidism.
10. Refractory idiopathic thrombocytopenic purpura.

Write short Notes on:

1. Paraneoplastic pemphigus.
2. Describe acute and chronic manifestation of cocaine abuse.
3. Acute radiation sickness and its management.
4. Discuss clinical features, staging and treatment of lupus nephritis.
5. Define skin failure and enumerate its causes.
6. Toxic epidermal necrolysis: diagnosis and management.
7. Chronic fatigue syndrome
8. Bechcet's syndrome.
9. Describe drug treatment of acute mania and bipolar disorders.
10. Bioterrorism.

Write short Notes on:

1. Describe principles of passive immunization and their clinical relevance.
2. What are the measures of disease probability and the role of 'Bayes' theorem in clinical studies?
3. Discuss the pharmacokinetics of drugs and the factors affecting the pharmacokinetics.
4. Describe Hasslebach equation. How is PH regulated in human body .Enumerate 'High Anion Gap Disorder'
5. Management of Biomedical waste.
6. Describe cerebral circulation.Discuss the pathophysiology and clinical manifestation of small vessel infarct.
7. Depict the normal flow volume curve and describe various ventilatory functions and its clinical implication.
8. Classify glucose lowering therapies used in type-II diabetes mellitus and their therapeutic use in regimen.
9. Approach to ANCA interpretation.
10. Elucidate the role of adipocyte in energy regulation. Define obesity and etiopathogenesis responsible for obesity.

Write short Notes on:

1. Describe cardiac pacing – types, indications and complications
2. Thrombophilic states
3. Paraneoplastic endocrine syndrome
4. Drug induced interstitial nephritis – clinical features, lab diagnosis and management
5. Febrile jaundice : causes and investigations
6. Post exposure prophylaxis of rabies
7. Cortical venous thrombosis : risk factors, clinical features and management
8. Reactive arthritis
9. Intermediate syndrome
10. Medical management of obesity

Write short Notes on:

1. Wolf Parkinson white syndrome
2. Galactorrhea : causes, pathogenesis and management
3. Single ring enhancing lesions of brain
4. MDR TB – diagnosis and principles of management
5. Hepato pulmonary syndrome
6. Describe myelodysplastic syndrome .Outline the classification, clinical features and diagnosis
7. Immunization in adults
8. Takayasu arteritis – classification, clinical features and management
9. Recurrent falls in elderly – causes and management
10. Scleroderma crisis

Write short Notes on:

1. Fanconi's syndrome
2. Poly glandular autoimmune syndrome
3. Right ventricular infarction - diagnosis, management and complications
4. Diagnostic criteria and management of Gullian barre syndrome
5. GI manifestations in HIV infection
6. Hypoglycemia : causes and management
7. Tumor lysis syndrome
8. Methaemoglobinemia : causes , clinical features and management
9. Anti phospholipids antibody syndrome
10. Bioterrorism : infective and chemical agents used for it

Write short Notes on:

1. Microalbuminuria : definition, and clinical implications
2. Causes of malignancy induced hyperclacemia and its medical management
3. Describe the technique of broncholaveolar lavage and its applications
4. Principles of parenternal nutrition
5. Interferons : types, clinical uses and adverse effects
6. CNS manifestations of alcohol
7. Describe cytochrome P450 and its relevance in clinical therapeutics
8. Selective gut decontamination
9. Antibiotic resistance
10. Describe the anatomy of the medias Unum. Discuss the common mediastinal masses and approach to the diagnosis