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**M. D. Examination, 2011**

**MEDICINE**

**Paper - I**

**(Basic Sciences as Related to Medicine)**

Time : Three Hours ] [ Maximum Marks : 100

**Note :-** Attempt all the questions.

1. Outline the life cycle of malaria and describe management of a case of cerebral malaria.
2. Describe in brief about warning signs of immune deficiency.
3. Discuss clinical assessment of a case of malnutrition.
4. Discuss about amyloidosis.
5. Write in brief about the principles of good prescribing and attitudes of being a good physician.

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6. Write in brief about principles of genetic counseling.
7. Write in brief about central dogma of molecular biology and applications of genetic engineering.
8. Describe about the smoking as a poison, methods of smoking cessation and its implementation.
9. Describe about monitoring of antimicrobial therapy.
10. Discuss your approach to comprehensive geriatric assessment.

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**M. D. Examination, 2011**

**MEDICINE**

**Paper - II**

**(Principles of Medicine)**

Time : Three Hours ] [ Maximum Marks : 100

**Note :-** Attempt all the questions.

1. Discuss gram negative endotoxemia.
2. Give causes of anaemia seen in India. Discuss management of iron deficiency anemia in pregnancy.
3. What is Systemic Sclerosis? Discuss its management.
4. Discuss evaluation of cardiac pain in its initial stages.
5. Discuss causes of urinary tract calculi and their management approaches.

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6. Outline the management of acute ischemic cerebrovascular attack.
7. Describe principles governing renal replacement therapy.
8. Discuss causes of sodium and water excess with suitable examples.
9. Describe risk factors and preventive aspects of atherosclerosis.
10. Write about presenting problems of diabetes mellitus and chart out the course of investigations.

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**M. D. Examination, 2011**

**MEDICINE**

**Paper - III**

**(Practice of Medicine)**

Time : Three Hours ]

[ Maximum Marks : 100

**Note :-** Attempt all the questions. All questions carry equal marks.

1. Define and discuss FUO.
2. Discuss Burkitt's lymphoma.
3. Discuss core pulmonale and its management.
4. Discuss diagnosis of dying, its management and related ethical issues.
5. Discuss interstitial nephritis.
6. Discuss prion induced diseases.

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7. Enumerate the different types of hepatitis.
8. Discuss diagnosis and management policy of a patient in windows phase of HIV.
9. Give an account of antidepressants.
10. Describe management of Cushing Syndrome.

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4518

**M. D. Examination, 2011**

**MEDICINE**

**Paper - IV**

**(Recent Advances in Medicine)**

Time : Three Hours ] [ Maximum Marks : 100

**Note :-** Attempt all the questions. All questions carry equal marks.

1. Enumerate genetically engineered available products in market and discuss their clinical applications.
2. Discuss recent advances in management of Gram negative endotoxemia.
3. Discuss management of HIV with pulmonary tuberculosis.
4. Describe current advances in management of renal failure.

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5. Discuss management of type II diabetes mellitus.
6. Enumerate the causes of anaemia and management in rural settings.
7. Discuss your approach to management and implementation of training methods to post graduates pursuing medicine in your institution.
8. Discuss causes of poor nutritional status of Indian population.
9. Discuss recent guidelines for prevention, diagnosis and treatment for ICU acquired pneumonia.
10. Discuss a general approach to management of acute stroke.

100

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3173

M. D. Examination, 2012

MEDICINE

Paper I

(Basic Sciences)

Time : Three Hours ]

[ Maximum Marks : 100

**Note :-** Answer all questions.

1. Discuss physiological and chemical basis of genetic disorder and pre conceptional counselling. 25
2. Write notes on : 15x3=45
  - (a) Discuss biology and theories of ageing.
  - (b) Discuss basic principles of ABC interpretation. Discuss causes of metabolic acidosis.
  - (c) Discuss clinical features, complications and management of snake bite.

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3. Write notes briefly :

10x3=30

- (a) Parenteral nutrition for critically ill patient
- (b) Adult immunisation
- (c) Discuss diagnosis, complications and management of enteric fever.

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3174

M. D. Examination, 2012

MEDICINE

Paper II

(Prevention of HIV/AIDS)

Time : Three Hours ] [ Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss etiology, diagnosis, complication management of obstructive sleep apnea. 25
2. Write notes briefly : 15x3=45
  - (a) Discuss etiology and diagnosis of Malabsorption Syndrome.
  - (b) Discuss etiology, clinical features and management of acute liver failure.
  - (c) Discuss etiology and diagnosis of management of sarcoidosis.

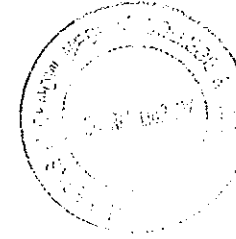
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3. Write notes briefly : 10x3=30
  - (a) Describe principles of oxygen therapy in chronic obstructive airway disease.
  - (b) Describe functions of pancreas and complication and management of acute pancreatitis.
  - (c) Describe diagnosis and management of SLE.

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M. D. Examination, 2012

MEDICINE

Paper II

(Prevention of HIV / AIDS)

Time : Three Hours ]

[ Maximum Marks : 100

**Note :-** Attempt all questions.

1. Discuss primary preventive measures of cardio - vascular disease. 25
2. Write notes on : 15x3
  - (a) Hepato-renal syndrome
  - (b) Septemic sclerosis
  - (c) Endotoxins
3. Write notes on : 10x3
  - (a) Insulin resistance
  - (b) Lepra reactions
  - (c) F. I. S. H.

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3175

M. D. Examination, 2012

MEDICINE

Paper III

(Clinical Medicine)

Time : Three Hours ]

[ Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss principles and strategies for prevention or delaying the micro and macro vascular complication of diabetes mellitus. 25
2. Write notes briefly : 15x3=45
  - (a) Discuss newer anticoagulants in non rheumatic atrial fibrillation management.
  - (b) Discuss <sup>the</sup> ~~in-~~vestigations for diagnosis of *Cushing's* causing disease.
  - (c) Discuss management of unstable angina.

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3. Write notes briefly : 10x3=30
  - (a) Describe risk factors for osteoporosis and management of post menopausal women.
  - (b) Discuss newer imaging techniques for cardiac diseases.
  - (c) Define and discuss management of hypertensive emergency.



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**M. D. Examination, 2012**

**MEDICINE**

**Paper III**

**(Clinical Medicine)**

Time : Three Hours ] [ Maximum Marks : 100

**Note :-** Attempt all questions.

1. Write about the management of interstitial lung disease. 25
2. Write notes on : 15x3
  - (a) Role of TPO agonists
  - (b) Targeted therapy
  - (c) Hyper calcemia
3. Write notes on : 10x3
  - (a) Proteinuria
  - (b) P.E.P. of HIV
  - (c) Internuclear ophthalmoplegia

