

Roll No.

--	--	--	--	--	--	--	--	--	--

**MD Pathology
EXAMINATION, June 2016**

Paper First

GENERAL PATHOLOGY & APPLIED PATHOLOGY

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

Discuss in brief-

[10×10]

1. Mechanism of cellular ageing
2. Defects in leucocyte function
3. Antiphospholipid antibody syndrome
4. Chemokines
5. Peripheral tolerance
6. Microbial carcinogenesis
7. Diet & diseases
8. Bioterrorism
9. Fragile - X syndrome
10. Mechanism of angiogenesis

Printed page (s): 1

Paper Code: MD-114

Roll No.

--	--	--	--	--	--	--	--	--	--

MD Pathology
EXAMINATION, June 2016
Paper Second
SYSTEMIC PATHOLOGY

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw labeled diagrams and flow charts wherever required.

1. Describe role of Immunohistochemical & molecular markers in the diagnosis, classification & management of carcinoma of lung. [20]
2. Write short notes on: [10x8]
 - a. Lobular carcinoma of breast.
 - b. Pathology of vascular intervention
 - c. Anaplastic large cell lymphoma
 - d. Benign mimickers of carcinoma prostate
 - e. Role of Immunofluorescence in differentiating bullous lesions of skin
 - f. Prion disease
 - g. Serrated polyps of colon
 - h. Muscular dystrophies

Printed page (s): 1

Paper Code: MD-115

Roll No.

--	--	--	--	--	--	--	--	--	--

**MD Pathology
EXAMINATION, June 2016**

Paper Third

HAEMATOLOGY, BLOOD BANKING, CLINICAL PATHOLOGY AND CYTOLOGY.

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

Discuss in brief :

[10x10]

- a. Describe fibrinolysis & discuss hyperfibrinolytic states.
- b. Laboratory accreditation in India.
- c. Techniques of intraoperative cytology.
- d. Hematological changes in Dengue fever.
- e. Role of aspiration cytology in testicular disorders.
- f. Safe blood transfusion
- g. Markers of myocardial damage & their significance
- h. Laboratory evaluation of monoclonal gammopathies.
- i. Diagnostic approach to hemolytic anaemias
- j. Laboratory evaluation of peripheral blood lymphocytosis in elderly patient

Printed page (s): 1

Paper Code: MD-116

Roll No.

--	--	--	--	--	--	--	--	--	--

MD Pathology
EXAMINATION, June 2016

Paper Fourth

RECENT ADVANCES AND APPLIED ASPECTS.

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams & flow charts wherever necessary.

1. Recent concepts in pathogenesis of Inflammatory Bowel disease. [10]
2. Tensins- role in health & disease. [10]
3. Differential diagnosis of hepatocellular nodules. [10]
4. Clear cell carcinomas of salivary glands. [10]
5. Advantages and disadvantages of liquid based cytology in cervical screening. [10]
6. Laboratory approach to a patient clinically suspected to have hemoglobinopathy. [10]
7. Role of flow cytometry in diagnosis of acute leukemias. [10]
8. Recent concepts in pathogenesis of APLA syndromes. [10]
9. Allogenic hematologic stem cell transplantation in hematologic disorders. [10]
10. Current concepts in classification of Myeloproliferative neoplasms. [10]
