

## PATHOLOGY

2010	Paper-I	Full Marks 40
1. A 10-year old boy presents with pallor and splenomegaly. List the differential diagnosis. Enumerate the investigations that are necessary to evaluate this case if a hemolytic anemia is suspected.		2+8
2. Comment on any two of the following :		5x2
(a) Tobacco smoking and disease. (b) Grading and staging of malignant tumours and its relevance.		
(c) FAB classification of acute leukemia and its basis.		
3. Answer any two of the following :		5x2
(a) Arterial and venous thrombosis. (b) Transudate and exudate (c) Type III hypersensitivity reaction		
4. Write short notes on any two of the following :		5x2
(a) Dystrophic calcification (b) Apoptosis (c) X-linked diseases.		

2010	Paper-II	Full Marks 40
1. A 45 year old hypertensive developed acute precordial chest pain. What are the possible diagnose? Describe the various laboratory findings in such a case. What are the gross and microscopic changes that you would expect to find in the heart?		2+4+4
2. Give the pathogenetic mechanism of any two of the following :		5x2
(a) Colorectal carcinoma (b) Alcoholic cirrhosis (c) Primary tuberculosis of the lung		4
3. Comment on any two of the following :		5x2
(a) Role of FNAC in breast carcinoma. (b) Renal Function Tests in chronic renal failure (c) Laboratory findings in Diabetes Mellitus.		
4. Write short notes on any two of the following :		5x2
(a) H pylori and gastric disease (b) Ewing's Sarcoma. (C) Hashimotos Thyroiditis		