



PATHOLOGY
PAPER – III

PATH/D/14/32/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
 - Each question carries 10 marks.
 - Read the question carefully and answer to the point neatly and legibly.
 - Do not leave any blank pages between two answers.
 - Indicate the question number correctly for the answer in the margin space.
 - Answer all the parts of a single question together.
 - Start the answer to a question on a fresh page or leave adequate space between two answers.
 - Draw table/diagrams/flowcharts wherever appropriate.
1. a) Classify cystic diseases of kidney. 5+5
b) Describe the pathogenesis and morphology of adult polycystic kidney disease.
 2. a) Pathogenesis and pathology of ischemic enterocolitis. 5+5
b) Define pneumoconiosis. Discuss pathogenesis and morphology of silicosis.
 3. a) Discuss pathogenesis and morphology of Paget's disease of bone. 5+5
b) WHO classification of medulloblastoma.
 4. a) Role of histochemistry, immunohistochemistry, electron microscopy and molecular genetics in diagnosis of malignant mesothelioma. 5+5
b) Describe histopathology and diagnosis of chronic H. pylori gastritis.
 5. a) Classify jaw tumors. Give the morphology of ameloblastoma. 5+5
b) Role of non-invasive markers in diagnosis, grading and staging of non-alcoholic fatty liver disease.
 6. a) Classify Hirschsprung's disease. Discuss pitfalls in the diagnosis of Hirschsprung's disease. 5+5
b) Variants of papillary carcinoma of thyroid.
 7. a) Give a schematic summary of natural history, morphology and pathogenesis of atherosclerosis. 6+4
b) Extragonadal germ cell tumours.
 8. a) Morphological and immunohistochemical evaluation of neuroendocrine tumours of lung. 5+5
b) WHO classification of lupus nephritis with clinicopathologic correlation.
 9. a) Prognostic parameters of carcinoma breast. 5+5
b) Causes and approach to diagnosis of male infertility.
 10. a) Histogenesis, morphology and prognostic parameters, of gastrointestinal stromal tumours. 5+5
b) Mucinous neoplasms of pancreas.
