



**PATHOLOGY**

**PAPER - III**

PATH/J/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.

Write short notes on:

1. a) Define Barrett's oesophagus and enumerate various risk factors. 3+4+3  
b) List criteria for the diagnosis of low grade and high grade dysplasia in Barrett's oesophagus.  
c) Write in brief recent concepts in pathology of achalasia cardia and Barrett's oesophagus
2. a) Hereditary nephritis 5+5  
b) Cutaneous mastocytosis
3. a) Current concepts of endometrial hyperplasia, endometrial intraepithelial neoplasia (EIN) and endometrial carcinoma 5+5  
b) Interstitial lung disease
4. a) Molecular pathology of gliomas 5+5  
b) Hepatitis in immunocompromised host
5. a) Clear cell tumours of kidney: Classification, histology and diagnosis 6+4  
b) Gestational trophoblastic disease
6. Discuss in brief molecular classification of breast cancer and its utility in surgical pathology. 5+5
7. a) Morphology of chronic hepatitis 5+5  
b) Lymphoproliferative disorders of skin
8. Classify tumours of thymus. Describe detailed histomorphological, histochemical, immunohistochemical and molecular genetic features of thymoma. 3+7
9. a) Pathology and genetics of Duchenne muscular dystrophy 5+5  
b) Rosai-Dorfman disease, its differential diagnosis and approach to final diagnosis
10. Describe biochemical, skeletal and renal changes in primary hyperparathyroidism. 3+3+4