

**PATHOLOGY**

**PAPER – III**

PATH/J/15/32/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) What is Barrett's esophagus? b) Pathogenesis, morphology and diagnostic criteria of Barrett's esophagus.	3+7
2.	a) Enumerate major glomerular syndromes. b) Immune mechanism of glomerular injury. c) Glomerular pathology in Rapidly Progressive Glomerulonephritis.	3+4+3
3.	a) Classify Gestational Trophoblastic Diseases (GTD). b) WHO Prognostic Index Score for GTD. c) Pathogenesis and morphology of hydatidiform mole.	3+3+4
4.	a) Differential diagnosis of small round cell tumours based on immunohistochemical, ultrastructural and cytogenetic analysis. b) Differential diagnosis of cutaneous lymphoid infiltrates.	5+5
5.	a) Giant cell lesions of bone. b) Autoimmune thyroiditis – Pathogenesis, types and complications.	5+5
6.	a) Role of markers in diagnosis of soft tissue sarcomas. b) Tabulate major causes of neonatal cholestasis. c) Morphological features of neonatal hepatitis.	5+2+3
7.	a) Define and classify congenital myopathy. b) Describe their symptoms, risk factors and pathogenesis	3+7
8.	a) Classify brain tumours. b) Molecular genetics associated with astrocytic tumours. c) Pathogenesis and morphology of dilated cardiomyopathy.	2+3+5
9.	a) Hypersensitivity pneumonitis. b) Intraocular lymphoma.	5+5
10.	a) Enumerate the vasculitides. b) Electron microscopic, immunohistochemical and morphological features of thymoma.	3+7

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