

**PATHOLOGY**

**PAPER – III**

PATH/D/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) Pathogenesis of glomerular diseases.	5
	b) Morphological findings in chronic ischaemic heart disease.	5
2.	a) Pathogenesis and morphology of acute respiratory distress syndrome.	5
	b) Role of immunohistochemistry in classification and differentiation of primary from metastatic carcinoma of lung.	5
3.	a) Tumours of salivary glands showing epithelial and myoepithelial proliferations – describe their differentiating features.	5
	b) Diagnostic features and morphological findings in autoimmune gastritis.	5
4.	a) Definition, etiology and morphological features of fulminant hepatitis.	(1+2+2)
	b) Pathogenesis and morphological findings of nonalcoholic fatty liver disease.	(2+3)
5.	a) Pathogenesis of pyelonephritis, its morphology and its laboratory diagnosis.	(2+1+2)
	b) Differentiating features of prostatic adenocarcinoma from its mimickers by serological, histological and immunohistochemical tests.	5
6.	a) Causes and morphological findings of abnormal uterine bleeding in different age groups.	5
	b) Molecular changes in colorectal carcinoma: its implication in prognosis and treatment.	5
7.	a) Variants of Papillary carcinoma of thyroid gland and their characteristic features.	5
	b) Pathogenesis of type II diabetes mellitus.	5
		<b>P.T.O.</b>

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8.	Histological features in: a) Acanthosis nigricans. b) Dysplastic nevus. c) Mycosis fungoides.	3 3 4
9.	a) Morphological findings in rheumatoid arthritis. b) Solitary fibrous tumour.	5 5
10	a) Pathogenesis and molecular genetics of Prion disease. b) Classifications of gliomas, their morphology and prognostic indicators.	5 5

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