

FINAL EXAM
 DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

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

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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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