

Q.P.CODE:123-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – APRIL, 2019****PATHOLOGY**

Paper-IV : Recent advances in pathology related to clinical medicine

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Mitochondrial myopathies
 - 2) Recent advances in Borderline ovarian tumors
 - 3) Discuss recent advances in Primary Carcinoma of Salivary Gland
 - 4) Prognostic molecular biomarkers of prostatic carcinoma
 - 5) Cell adhesion proteins
 - 6) RNA analysis
 - 7) Obesity and cancer
 - 8) Familial paraganglioma syndrome
 - 9) Transfusion reactions
 - 10) Discuss the stromal microenvironment and carcinogenesis
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