**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gr\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_**

**NUCLEIC ACIDS, COMPOSITION, STRUCTURE AND BIOLOGICAL SIGNIFICANCE.**

**Var. 4**

1. Write the structure of lactim-lactam tautomerization of guanine.

2. Write the hydrolysis of thymidine.

3. Write the structure of the dinucleotides RNA: guanine – cytosine.