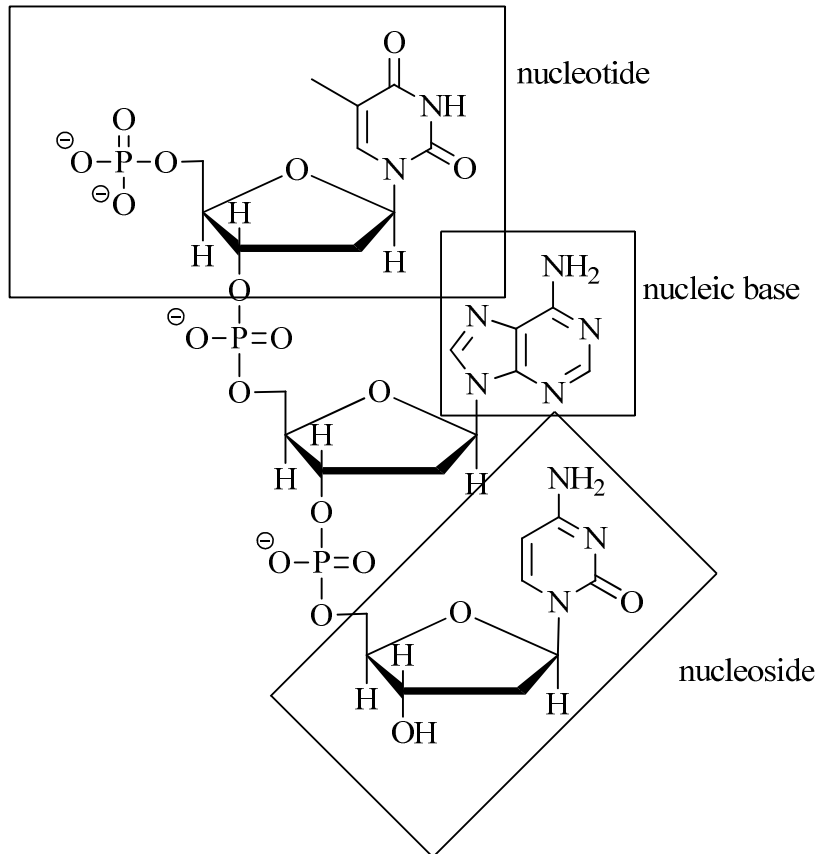


- Is the following structure a fragment of DNA or RNA? Give two reasons.

**Marks**  
**5**

**It is a DNA fragment:**

- **The sugar is deoxyribose (RNA has ribose as the sugar).**
- **The topmost nucleic base is thymine (RNA utilises uracil instead of thymine).**



Clearly identify on the above structure one example of each of the following subunits.

nucleic base – **see above**

nucleoside – **see above**

nucleotide - **see above**