**How does DNA control the production of proteins when it is stuck in the nucleus and proteins are made in ribosomes in the cytoplasm?**

**DIRECTIONS:** Answer the question as thoroughly as you can. Give a detailed answer that uses all of the terms in the word bank. Use the back of the paper if necessary.

**WORD BANK**

* mRNA
* nuclear membrane
* cytoplasm
* ribosome
* tRNA
* amino acid
* peptide bond
* Protein
* nucleus
* DNA molecule
* Strong bonds
* Weak bonds
* Enzyme
* unzip
* RNA nucleotides
* nucleotide pool