12-3 Details of Transcription

1. What is transcription?

2. What enzyme is required for transcription to take place? _________________

3. How does this enzyme know where to start transcribing?

4. After transcription RNA is not yet ready to leave the nucleus. Explain what happens to an RNA strand before it leaves the nucleus.

5. Given the following DNA code, TATAGGCATGGAA, diagram the process of transcription. You need to include DNA, RNA polymerase, and RNA in your diagram. Page 301 in your textbook has a very basic drawing of transcription, your drawing needs to be more detailed. I suggest you look up some Google images of transcription to help you.