Transcription: In transcription, RNA transcript (pre-mRNA) is processed and becomes mature mRNA Here, DNA transcribed mKNA Starts at stark codon (ACC)
The Site of Transcription is RNA Polymerase
Transcription involves following stegs: A segment of DNA unwinds and ungips
RNA Polymerose THE PARTY OF THE P ONA serves as a template for mRNA formation 3) RNA polymerase is responsible for jointing RNA nucleatides Codons in mRNA are complementary to triplet code in DNA

RNA

RNA T -> A (Aderine) G→C (Cytosino) C→G (Guarine) A→U (Uracil) pre-mRNA To gytoplarm 5) pre-mRNA is formed after exiting RNA polymerase while transcription is going on. pre-mRNA is processed during transcription and when stop codon is encountered, transcription stops (UAA/VAG/UGA)

RNA Polymerase ?-PRNA Polymerase in nucleur is an engyme (type of protein) This enzyme is responsible for synthesizing RNA from a DNA template. coding strand Here, as use can seek " RNA One of the 2 strand of DNA is used as a template for RNA synthesis - mRNA RNA polymerase catalyzes formation of RNA strands by linking together ribonacleotides in a sequence complementary to the DNA template strand. DNA strand 3 DNA has 2 strands of double helical structure ) Coding Strand: · It has same sequence as mRNA (Tim DNA & V in RNA) · It carries genetic code for protein synthesis Non-Certing Strand: It takes part in transcription (RNA phymerase)

'Its & sequence is complementary to mRNA

'It acts as a template strand for mRNA synthesis