The genetic code and Transcription

What is a codon?

Describe the triplet code.

Define the 5 characteristics of the genetic code:

What is the role of mRNA?

Describe the wobble hypothesis.

What initiates transcription?

What terminates transcription?

What is a nonsense mutation? What example was given in class?

What are the universal exceptions? Describe them.

What are overlapping genes and open reading frames?

What is transcription? What does RNA polymerase do?

What are promotors? What is the result of transcription?

Describe the transcription start site.

Describe elongation and termination of transcription.

Describe transcription in eukaryotes.

What is RNAPII? What does it do?

What is the TATA box?

What are enhancers and silencers?

Define transcription factors.

Describe the 3 post-transcriptional modifications to mRNA.

Define introns and exons.