

## PAPER VI MCQS

- Which of the following obeys base pairing rule
  - A=T; G=C
  - A=C; G=T
  - A=G; T=C
  - A=C; G=U
- Transcription and translation in case of Eukaryotic cell takes place in
  - One compartment
  - Three compartments
  - Two compartments
  - None of the above
- Reverse transcriptase helps in
  - Conversion of DNA to mRNA
  - Conversion of tRNA to DNA
  - Conversion of Protein to mRNA
  - Conversion of mRNA to DNA
- Which of the following is a secondary function of gene
  - Phenogenesis
  - Phagocytosis
  - Pedogenesis
  - Phoenetics
- Which of the following is a start codon
  - AAA
  - ACA
  - AGU
  - AUG
- \_\_\_\_\_ carries the information needed to build a polypeptide.
  - Translate
  - Transcript
  - Interferon
  - Intron
- RNA strand from 5' to 3' is built by
  - DNA polymerase
  - Topoisomerase
  - RNA polymerase
  - Ligase
- RNA polymerase binds to a \_\_\_\_\_, which is a sequence of DNA
  - Promotor
  - Receptor
  - Acceptor
  - Operator
- \_\_\_\_\_ signal that the RNA transcript is complete.
  - Terminator
  - Exterminator
  - Receptor
  - Promotor
- Splicing occurs in \_\_\_\_\_
  - tRNA
  - rRNA
  - mRNA
  - snRNA