

ANSWERS**1. Multiple Choice Questions**

1. The polyomeres often inserted in amplified because it allowed to
- a. insert additional plasmids into plasmids
 - b. incorporate joined plasmids
 - c. make DNA from DNA fragments
 - d. make them consist of a short DNA**
 - e. insert multiple genes
2. Examples of cloning vectors are
- a. the plasmids that are DNA into restriction fragments
 - b. a DNA probes used to locate specific genes in the genome
 - c. plasmids used to replicate DNA in a host cell**
 - d. the laboratory apparatus used to clone genes
 - e. the synthesis of a microorganism
3. Information obtained from the experiments by Roberts/Bedell the bacteriophage lambda specific expression of a specific cDNA
- a. lambda phage**
 - b. T4 phage
 - c. DNA sequencing
 - d. restriction enzymes
 - e. hybridizing a probe
4. The following genes is responsible for making the rules to read cell messenger RNA (messenger ribonucleic acid)
- a. DNA
 - b. RNA**
 - c. rRNA
 - d. tRNA
 - e. tRNA**
5. The following are the objectives of human genome project (HGP)
- a. identify genes in human genome
 - b. identify drugs to cure some genetic diseases
 - c. identify all human genetic code using genetic engineering**
 - d. identify genetically code for genetic diseases
 - e. make the data available to all public and scientists
6. It is possible to separate genes from other species to produce species because
- a. all organisms contain same genes
 - b. one gene codes all organisms
 - c. all organisms use the universal codons and express the genes**
 - d. each organism has its own codons to make proteins
 - e. all organisms make same or similar proteins