

1. Lithium bromide B.
2. Rosie.
3. mRNA
4. question A answer ⑦
5. E coli - Col E₁ Ti plasmid
Agrobacterium - PBR 322
6. Mature insulin only contains chain A, B and
disulphide linkage. Pro insulin contains an additional
C peptide.
7. PCR - polymerase chain reaction
steps.
 - a) Denaturation
 - b) Annealing
 - c) Primer extension
 Taq polymerase.

8. (a) Increased tolerance

b. Reduced reliance on chemical pesticides

c. Reduced post harvest losses.

d. Enhanced nutrition values of food.

9. (a) It initiate replication

but also controls the copy number of linked DNA

(b) Any piece of DNA when linked to ori can be made to replicate ~~with~~ with in the host cells.

10. They have physiological mechanisms for keeping constant body temperature. (b) (1) Birds (2) Mammals. (3) Reptiles
which are organisms maintain

1. Answer of question No: 4 of Part A