

**BIOLOGY****BIOTECHNOLOGY AND APPLICATIONS**

81. Early detection of a disease is possible by–
- (1) Serum analysis
  - (2) Urine analysis
  - (3) Polymerase Chain Reaction
  - (4) All except (3)
82. ELISA is a –
- (1) rDNA technology
  - (2) RNAi novel mechanism
  - (3) Gene therapy technique
  - (4) Molecular diagnostic technique
83. Autoradiography aims at identifying the –
- (1) mutated gene
  - (2) non-mutated gene
  - (3) probe DNA
  - (4) host tRNA
84. Autoradiography is used in –
- (1) PCR
  - (2) ELISA
  - (3) RNAi
  - (4) GMO
85. Bt toxin –
- (1) *Oryza sativa*
  - (2) *Bacillus subtilis*
  - (3) *Bacillus thuringiensis*
  - (4) *Batrachospermum*
86. Antigen-Antibody interaction is the principle behind
- (1) ELISA
  - (2) RNAi mechanism
  - (3) PCR
  - (4) rDNA technology
87. Mutations in genes in suspected cancer patients can be detected by using –
- (1) ELISA
  - (2) Serum analysis
  - (3) PCR
  - (4) rDNA technology
88. ELISA –
- (1) Enzyme Ligand Immuno Sorbent Assay
  - (2) Energy Linked Immuno Sorbent Assay
  - (3) Ecosystem Linked Improper Source Assessment
  - (4) Enzyme Linked Immuno Sorbent Assay
89. In the treatment of adenosine deaminase deficiency \_\_\_ cells of affected patient is used.
- (1) Erythrocytes
  - (2) Oncogenic cells
  - (3) Lymphocytes
  - (4) Both (1) and (2)
90. Bt cotton is an example for usage of –
- (1) Organic farming
  - (2) Bio-pesticide
  - (3) Bio-fertiliser
  - (4) Inorganic fertiliser