

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

71. Replacing a defective mutant allele with a functional one, this can be called as –
- (1) rDNA
  - (2) RNAi
  - (3) Gene therapy
  - (4) Transgenism
72. Transgenic animals are useful in all the given aspects except –
- (1) testing vaccine safety
  - (2) model organisms for several diseases
  - (3) study of normal physiology and development
  - (4) inducing RNAi
73. Transgenic cow's milk was enriched with–
- (1) buffalo alpha-lactalbumin
  - (2) human beta-lactalbumin
  - (3) human alpha-lactalbumin
  - (4) human alpha-albumin
74. Animals that have had their DNA manipulated to possess and express an extra (foreign) gene are known as –
- (1) Radioactive probes
  - (2) GMO
  - (3) Transgenic animals
  - (4) Biopiracy
75. Bt toxin -
- (1) Fungicidal protein
  - (2) Bactericidal protein
  - (3) Insecticidal polysaccharide
  - (4) Insecticidal protein
76. \_\_\_ is now routinely used to detect HIV in suspected AIDS patients.
- (1) ELISA
  - (2) PCR
  - (3) Chemotherapy
  - (4) Immunotherapy
77. Infection by pathogen can be detected by the presence of –
- (1) Proteins
  - (2) Glycoproteins
  - (3) Antigens
  - (4) More than one option is correct
78. Usually, the \_\_\_ is tagged with a radioactive molecule.
- (1) Probe DNA or RNA
  - (2) Suspect's DNA
  - (3) Clone DNA
  - (4) Mutated gene
79. PCR –
- (1) Polymerase Complimentary Reaction
  - (2) Polymerase Chain Reaction
  - (3) Prokaryotic cDNA Replication
  - (4) Process of Chemical Reduction
80. Bt toxin gene has been cloned from
- (1) Fungus
  - (2) Protozoa
  - (3) Archaeobacteria
  - (4) Bacteria