Quizlet NAME _____

14 Multiple choice questions

1. any techniques that uses living organisms to make products
    a. embryos
    b. gene therapy
    c. biotechnology
    d. Bt cotton

2. technology which brings about reproduction or increases the breeding success of the individuals
    a. reproductive technology
    b. reproductive cloning
    c. biotechnology
    d. selective breeding

3. the transfer of genes to other species or the technology for creating organisms with genes from other species
    a. embryos
    b. hybrid
    c. transgenic
    d. Bt cotton

4. the developing young of an animal or plant
    a. Bt cotton
    b. embryos
    c. hybrid
    d. transgenic

5. a method used to breed chosen pairs of organisms in order to produce offspring with particular desirable characteristics
    a. cross-breeding
    b. selective breeding
    c. genetic engineering
    d. reproductive cloning

6. breeding two genetically different individuals to produce offspring
    a. hybrid
    b. cross-breeding
    c. selective breeding
    d. transgenic

7. the offspring from the cross-breeding of two distinct races, breeds, varieties, species or genera
    a. embryos
    b. Bt cotton
    c. hybrid vigour
    d. hybrid

8. use of genetic engineering in the treatment of a genetic disorder or chronic disease
    a. gene therapy
    b. biotechnology
    c. embryos
    d. Bt cotton

9. a cotton crop that has been genetically modified using bacterial genes so that it contains its own pesticide
    a. embryos
    b. Bt cotton
    c. transgenic
    d. biotechnology

10. using cells from an individual to produce a cloned early embryo, which is then used as a source of embryonic stem cells
    a. selective breeding
    b. genetic engineering
    c. therapeutic cloning
    d. reproductive cloning

11. superior qualities such as health, yield, and fertility, arising from the cross-breeding of genetically different plants or animals
    a. Bt cotton
    b. embryos
    c. hybrid vigour
    d. hybrid

12. remove or add a desired gene from the DNA of an organism, using enzymes
    a. genetically modify
    b. gene therapy
    c. selective breeding
    d. genetic engineering

13. creating a genetically identical, fully developed whole organism, using the nucleus of a cell from another mature organism
    a. reproductive technology
    b. reproductive cloning
    c. therapeutic cloning
    d. selective breeding

14. genetic modification of living organisms by a series of procedures including cutting a desired gene out of donor DNA using enzymes, cloning it in a micro-organism and transferring it to an organism
    a. genetically modify
    b. gene therapy
    c. selective breeding
    d. genetic engineering