Biotechnology

Sr	Questions	Answers Choice
1	Biologists discovered the locations of all genes in human body by using.	A. Genetic engineering B. Gene editing C. Gene therapy D. Human Genome Project
2	Interferon is a.	A. Anti-virus protein B. Anti-bacterial protein C. Insect-killing D. mRNA Vaccine
3	Human Insulin Gene was transferred into.	A. Algae B. Virus C. Bacteria D. Yeast
4	What major scientific breakthrough in 1953 paved the way for modern biotechnology?	A. The cloning of Dolly sheep B. The invention of microscope C. The discovery of structure and function of DNA D. The first suffessful use of fermentation in bread making.
5	Which of these is often used as a vector in genetic engineering.	A. Virus B. Fungi C. Yeast D. Blood cell
6	Bactyeria are used by the scientists for.	A. Producing medicines B. Studying genes C. Creating D. All of these
7	The purpose of producing humna growht hormone via biotechnology is to treat.	A. Diabetes B. Growth disorders C. Viral infections D. Vitamin deficiency
8	Essential tools in biotechnology are.	A. Viruses B. Bacteria C. Fungi D. Microorganisms
9	Which of the followign is NOT a goal of food biotechonology.	A. Develolping virus-resistant crops B. Developing drought-resistance crops C. Developing pest-resistant crops D. Creating synthetic meat in laboratories
10	Who is credited for first proposing the term "biotechnology" in 1919?	A. Sir Ian Willmut B. Karl Ereky C. James Watson D. Francis Crick
11	The primary purpose of Golden Rice is to prevent.	A. Diabetes B. Vitamin deficiency C. Insect attacks D. Viral infection
12	"Surface protein gene of Hepatitis B virus"is transferred into yeast cells to create.	A. Growth hormones B. Bt crops C. Hepatitis B vaccine D. Golden rice
13	When a donor gene ins attached to the cut ends of a plasmid, the result combination is called.	A. Isolated DNA B. Recombinant DNA C. Interferon D. Bacteriophage DNA
14	A gene for toxin production is inserted into a plant for.	A. Reducing water need B. Increasing vitamin content C. Resisting insect attacks D. Speeding up flowering

15	Pharmaceuticla prdoucts are made through.	A. Bacterial fermentation B. Microbial fermentation C. Fungal fermentation D. Viral fermentation
16	Human insulin is used for.	A. Cancer B. Diabetes C. Kidney failure D. Pneumonia
17	In the production of ethanol for biofules, yeast fermenats sugars found in crops such as.	A. Wheat and barley B. Sugarcane or corn C. Potatoes and rice D. Soybeans and Oats
18	Compounds extracted from marine organisms are used to develop.	A. Cancer drugs B. Antibiotics C. antiviral medicines D. All of these
19	Which substances is produced in modified bacteria to help treat patients with drarfism.	A. Insulin B. Interferon C. Human growht homone D. Hapatitis B vaccine
20	A small-circular DNA molecules present in some bacteria as.	A. Plasmid B. Bacteriophage C. Hormone D. Vaccine