

## Biotechnology

Sr	Questions	Answers Choice
1	Human insulin was prepared by bacteria first time:	A. 2002 B. 1990 C. 1970 D. 1978
2	Bacterium (E.coli) which prepares human growth hormones was Synthesized in:	A. 1980 B. 1910 C. 1970 D. 1977
3	Genes are cut from DNA:	A. Ligase B. Restriction endonuclease C. Urokinase D. Lipase
4	Vector DNA and Gene of interest, collectively called:	A. Gene B. Recombinant Gene C. Recombinant DNA D. GMO
5	The process in which incomplete oxidation- reduction of glucose takes place is called:	A. photosynthesis B. respiration C. pasteurization D. fermentation
6	Breakdown of glucose molecule in the presence of oxygen called :	A. Glycolysis B. Mytosis C. Both a and b D. None of these
7	Which one is the antiviral protein among the following.	A. Urokinase B. Tymosin C. Insulin D. Interferon
8	It is effective against brain and lung cancer:	A. thymosin B. beta-endorphin C. human growth hormone D. insulin
9	When did scientist become able to cut and unite DNA?	A. 1945 B. 1924 C. 1944 D. 1970
10	Bacterium which prepares human growth hormones was synthesized in.	A. 1980 B. 1910 C. 1970 D. 1977
11	First step in Genetic Engineering is:	A. Isolation of gene of interest B. Insertion of gene into a vector C. Transfer of recombinant DNA into host D. Growth of the GMO
12	In biotechnology, the production of a product by the mass culture of microorganisms is called.	A. Fermentation B. Mutation C. Fermenter D. Fertilization
13	Effective against brain and lungs cancer.	A. Beta Endorphin B. Interferon C. Thymosin D. Urokinase
14	The first step of genetic engineering is:	A. Growth of the genetically modified organism B. Transfer of the recombinant DNA into the host organism C. Isolation of the gene of interest D. Insertion of gene into a vector.

A. Isolation of gene of interest

15	First step in Genetic Engineering is.	B. Insertion of gene into a vector C. Transfer of recombinant DNA into host D. Growth of the GMO
16	Interferons are..... Proteins.	A. Antibacterial B. Antiviral C. Antifungal D. Antidrugs
17	E.coli bacterium is capable of synthesizing the:	A. insulin B. human growth hormone C. thymosin D. beta-endorphin
18	Which organism is used in fermentation for the preparation of glycerol.	A. Aspergillus B. Saccharomyces C. Bacillus D. Streptococcus
19	Which of these is an anti-viral proteins?	A. Urokinase B. Thymosin C. Insulin D. Interferon
20	The raw material for microorganism for the production of single cell proteins is:	A. Industrial Wastes B. Protozoans C. Agriculture Wastes D. fungi