

Question	Option1	Option2	Option3	Option4	CorrectAns
A Fermentation process is considered commercially successful when it produce...	less yield	average yield	High yield	very less yield	3
Which organism used for the production of penicillin antibiotic.	<i>Penicillium notatum</i>	<i>Aspergillus niger</i>	<i>Bacillus subtilis</i>	<i>Bacillus cereus</i>	1
Ideal temperature needed for fungal fermentation	40-40 °C	25-27 °C	35-37 °C	42-45 °C	2
Which of the following process is used in the recovery of the product?	Downstream processing	Upstream processing	Chromatography	Treatment process	1
Which of the following is not the method of cell disruption?	Sonication	Himogenization	Chemical treatment	Lyophilization	4
Dextran is used as	Blood plasma expander	Antithrombotic	Blood viscosity reducing agent	All of the above	4
Bacteria protect themselves from viruses by fragmenting viral DNA with	Ligase	Restriction endonucleases	Gyrase	Isomerase	2
Addition and deletion of a gene is called	Biotechnology	Recombinant DNA Technology	Crytogenetics	Gene Therapy	2
Foreign DNA carrying of Cosmid is	5-10 kb	15-20kb	25- 45 kb	More than 100 kb	3
Insuline molecule is made of ____ Amino acids	51 Amino acids	30 Amino acids	21 Amino acids	None of the above	1
Annealing of the DNA with primer takes place at temperature	55 °C	35 °C	30 °C	90 °C	1
Raw material needed for the Sangers DNA sequencing method....	dNTPs	Both Primers reverse and forward	Taq DNA polymerase	All of the above	4
In Maxum Gilbert Method Guanin Specific Cleavage obtained by which reagent	Dimethyl Sulphate	Formic Acid	Dimethyl Sulphate and Formic acid	None of the above	1
Restriction Fragment Length Polymorphism (RFLP) technique used for	Resolving Criminal Cases	To Detect Disease status	Genetical Comparison of related species	All of the above	4
Genomic library used for	Study of Genomic map of individual	Identification of specific location of gene	useful in mutational study of genes	All of the above	4

Which Blotting technique has target molecule Is Protein	Southern Blotting	Northen Blotting	Western Blotting	None of the above	3
Factors governs separation of genetic material by electrophoresis are....	Size of the gel	Electric Current	Pores of the gel slab	All of the above	4
Immobilization of the enzyme done by	Adsorption	Covalent Bonding	Cross Linking	All of the above	4
Immobilization by Entrapment done in which gels....	Poly acrylamide gel	Poly vinyl alcohol gel	Polyamine gel	All of the above	4
ABO (Blood Grouping) is done by which immunological testing method.....	Agglutination	Precipitation	Complement Fixation	None of the above	1
Monoclonal Antibody has following applications	In cancer`	In ELISA	Pregnancy Testing Kit	All of the above	4
Which are popularly known toxoid vaccines	Diphtheria	Tetanus	Both a and b	None of the Above	3
What do you mean by attenuation	Killing	Live but disease causing capacity vanished out.	Live and pathogenic	All of the above	2
Applications of Bioinformatics are....	Molecular Medicines	Gene Therapy	Drug Development	All of the above	4
In complement Fixation test RBCs used for testing are taken from...	Sheep	Horse	Cow	None of the above	1