Sr No.	MSc Biochemistry and Molecular Biology
1	Find the missing term in the following series:
	3,10,29,66,127?
Alt1	
Alt2	187
Alt3	216
Alt4	218
	Choose word from the given options which bears the same relationship to the third word, as the first two bears: Flower: Butterfly:: Dirt:?
Alt1	Rats
Alt2	Fly
	Bugs
	Sweeper
	<u>'</u>
3	Tiff is to Battle as Frugal is to?
	Sprint
	Vague
	Miserly
	Vital
	Select the lettered pair that has the same relationship as the original pair of words: Expend: Replenish
Alt1	Exhort: Encourage
Alt2	Formant: Rebellion
Alt3	Defect: Rejoin
Alt4	Encroachment: Occupy
5	Choose the set that has the same relationship as in the original:
	Bone : Skeleton : Nerve
Alt1	House: Door: Window
Alt2	Spoke: Wheel: Handle
Alt3	Retina: Eye: Pupil
Alt4	Snow: Cloud: Ice
6	Spot the defective segment from the following:
Alt1	Only with your help
Alt2	I passed the test
ALLO	though you helped me
Alt3	
	at the last minute
	at the last minute
Alt4	at the last minute The government proposes to hanging.
Alt4	
Alt4 7 Alt1	The government proposes to hanging.

Alt4	abolish
-	
8	The burglar was hit
Alt1	on head
Alt2	on his head
Alt3	on the head
Alt4	in the head
9	Choose the option closest in meaning to the given word:
	COGENT
Alt1	consistent
Alt2	acceptable
Alt3	convincing
Alt4	weak
10	Choose the antonymous option you consider the best:
	PROVIDENT
Alt1	careful
Alt2	worldly
	prodigal
	frugal
	Ravi's brother is 3 years senior to him. His father was 28 years of age when his sister was born while his mother was 26 years of age when he was born. If his sister was 4 years of age when his brother was born, what was the age of Ravi's father and mother respectively when his brother was born?
Λ l+1	32 years, 23 years
	32 years, 29 years
	35 years, 29 years
	35 years, 33 years
AIL4	33 years, 33 years
12	
	In each of the following questions some statements are followed by two conclusions (i) and (ii). Read the statements carefully and then decide which of the conclsions follow beyond a reasonable doubt. Mark your answer as
	Statement: All my films are copies. I am happy to inform of the source when I copy – a producer
	Conclusions:
	(i) The producer does not make even a single film based on his own idea
	(ii) The producer copies domestic and foreign films
Alt1	If only conclusion (i) follows
Alt2	If only conclusion (ii) follows
Alt3	If neither conclusion (i) nor (ii) follows
Alt4	If both the conclusions follow
• •	

	3. What value should come in place of question mark (?) in the following number series? 14, 28, 46, ?, 94, 124
Alt1	
Alt2	68
Alt3	72
Alt4	76
14	In a certain code ADVENTURES is written as TDRESAUVEN. How is SURPRISINGwritten in that code?
Alt1	IUIPGSRSNR
Alt2	IUINGSSRRP
Alt3	IUIPGSSRNR
Alt4	IRIPGSSNRR
15	Wax is related to Grease in the same way as Milk is related to
Alt1	Drink
Alt2	Ghee
Alt3	Curd
Alt4	Protein
16	The following information is given: Six persons A, B, C, D, E and F are sitting in two rows, three in each.
	E is not at the end of any row.
	D is second to the left of F.
	C, the neighbour of E, is sitting diagonally opposite to D.
	B is the neighbour of F.
	After interchanging seat with E, who will be the neighbours of D in the new position?
Alt1	C and A
Alt2	F and B
Alt3	Only B
Alt4	Only A
17	If 30 students occupy 2/3 of the seats in a classroom, how many students would occupy 4/5 of the seats in classroom?
Alt1	36
Alt2	32
Alt3	40
Alt4	48
18	Mean of the first 10 odd numbers is
Alt1	10
Alt2	13
Alt3	15
	9

	16,24
	20,30
	0.341666667
Alt4	None
20	It takes 30 seconds to cut the woodlock into 3 pieces. How much time does it takes to cut the same block into 4
	pieces?
	40secs
	45secs
	50secs
Alt4	60secs
	L
	In enzyme kinetics Vmax reflects:-
	Enzyme substrate complex
	Substrate concentration
	Half the substrate concentration
Alt4	The amount of an active enzyme
	The expression a2 + b2 is equivalent to:-
	(a - b)(a - b) + 2ab
	(a + b)(a + b)
	(a + b)(a - b) - 2ab
Alt4	(a + b)(a - b)
	huitte en la companya de la companya
	Which is true about gap junction?
	Allows the movement of large molecules across the cell
	Made up of two subunit of connexones
	Made up of connexin protein
Alt4	They are occurring inside the cell
24	Duradication of expositive exposure of continuous (ACTII) account in
	Production of excessive amount of corticotropin (ACTH) occurs in:-
	Alport's syndrome
	Grieg's syndrome
	Grave's syndrome
Alt4	Cushing's syndrome
25	Mykich and of the fellowing intersection place a major role in stabilizing the D form DNA?
	Which one of the following interaction plays a major role in stabilizing the B-form DNA? Van der Waals's interaction
	Hydrogen bond
	Hydrophobic interaction
Alt4	Ionic interaction
30	Magalablastic anomia is says ad by the deficiency of
	Megaloblastic anemia is caused by the deficiency of:-
	Riboflavin
	Deoxy adenosyl cobalamin
	Oxycholesterol Carlo and barrier
Alt4	Carboxy hemoglobin

27	The phenomenon of interchange of functions between related genes are called:-
Alt1	Genetic redundancy
Alt2	Complementation
Alt3	Non-redundancy
Alt4	Genetic interaction
	•
28	he most commonly used molecular tool for phylogenetic analysis involves sequencing of:-
	Nuclear DNA
	Ribosomal RNA
Alt3	Mitochondrial RNA
	Mitochondrial DNA
7.11.0	
29	Mullerian Inhibiting Substance (MIS):-
	inhibit Mullerian duct differentiation
	Wollfian duct degeneration
	inhibit mullerian duct and promote wollfian duct growth
Alt4	promote Wollfian duct growth
2.0	
	A ribozyme is:-
	a particle composed of RNA and protein that is involved in the synthesis of proteins.
	a class of RNA molecule that can catalyse chemical reactions.
	a protein enzyme that catalyses the synthesis of RNA.
Alt4	a monomeric subunit of RNA.
31	The distinct foci within the cytoplasm of the eukaryotic cells involved in mRNA turnover is called as:-
Alt1	Autophagic bodies
Alt2	Lysosome
Alt3	Multivesicular bodies
Alt4	Processing bodies
32	The pollutants released by the jet planes are:-
	Aerosols
	Fogs
	Smog
	Colloids
7	
33	Oncogenes are the cancer causing genes in the cell but they do not express usually. This is because of the
33	presence of:-
Λ l+1	Tumor suppressor gene
	Protooncogene
	Tumor promoter gene
Alt4	Jumping gene
	Acrosome of sperm cell is a modified:-
Alt1	Lysosome

41:0	
-	Peroxisome
	Endosome
Alt4	Golgi
25	Country and Changes from a prince acids in toward and
	Synthesis of Glucose from amino acids is termed as:-
	Glycolysis
	Gluconeogenesis
	Lipogenesis
Alt4	Glycogenesis
26	Militaria de Calla de
	Which one of the following statements concerning glucose metabolism is correct?
	Glucose enters most cells by a mechanism where Na+ and glucose are cotransported
	The conversion of Glucose to lactate occurs only in the R.B.C
	Pyruvate kinase catalyses an irreversible reaction
Alt4	Elevated level of insulin reduces level of fructose 2, 6-bisphosphate in hepatocyte
27	Change the puring gold basing requires up a supplier of gold and
	Choose the amino acid having maximum number of codons:-
	Alanine
-	Leucine
	Tryptophan
Alt4	Valine
	The genomic DNA sequences similar to normal genes but non-functional are called:-
	Introns
	Untranslated region
	Pseudogenes
Alt4	Transposons
	The unfolding of regular secondary structure causes:-
Alt1	no change in the entropy of the protein.
	large increase in the entropy of the protein
—	large decrease in the entropy of the protein
Alt4	little increase in the entropy of protein
	Golden rice is very rich in:-
-	Vitamin B12 & iron
Alt2	Vitamin B1 & copper
Alt3	Carotinoids & iron
Alt4	Vitamin B complex & vitamin C
41	Lipopolysaccharide in gram negative bacteria is found in:-
Alt1	Periplasmic space
Alt2	Cell wall
Alt3	Plasma membrane
Alt4	Outer membrane

∕ 12	
	Blood group type A antigen is a complex oligosaccharide which differs from H antigen present in type O
	individual by the presence of terminal:-
	glucose
	galactose
	N-acetylgalactosamine
Alt4	fucose
43	As one proceeds with the purification of an enzyme, with every subsequent step, the enzyme activity:-
Alt1	Decreases
Alt2	Changes randomly
Alt3	Increases
Alt4	Remains the same
44	The study of cancer is referred to as:-
	Herpetology
	Ornithology
Alt3	Dermatology
	Oncology
	67
45	Mono-oxygenase important for the detoxification of many drugs is:-
	Lipoxygenase
	Cyclooxygenase
	Heme oxygenase
	Cytochromes P450
46	On the molar scale which of the following interactions in a non-polar environment provides highest contributio
	to the biomolecules
Alt1	to the biomolecules hydrophobic interaction
Alt1 Alt2	to the biomolecules hydrophobic interaction salt bridge.
Alt1 Alt2 Alt3	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding
Alt1 Alt2 Alt3	to the biomolecules hydrophobic interaction salt bridge.
Alt1 Alt2 Alt3 Alt4	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction
Alt1 Alt2 Alt3 Alt4	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:-
Alt1 Alt2 Alt3 Alt4 47 Alt1	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4 48	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells The amount of disorder in a system can be expressed as:-
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4 48 Alt1	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells The amount of disorder in a system can be expressed as:- Thermodynamics
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4 48 Alt1 Alt2 Alt1	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells The amount of disorder in a system can be expressed as:- Thermodynamics Entropy
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4 48 Alt1 Alt2 Alt1	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells The amount of disorder in a system can be expressed as:- Thermodynamics
Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4 48 Alt1 Alt2 Alt3	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells The amount of disorder in a system can be expressed as:- Thermodynamics Entropy
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Alt1 Alt2 Alt3 Alt4 47 Alt1 Alt2 Alt3 Alt4 48 Alt1 Alt2 Alt3 Alt4	to the biomolecules hydrophobic interaction salt bridge. hydrogen bonding vander waals interaction Mycobacterium is an intra-cellular parasite. It prefers to infect:- neutrophils B-cells macrophages T-cells The amount of disorder in a system can be expressed as:- Thermodynamics Entropy Enthalpy

Alt2	Polymer of glycogen molecules
Alt3	Intermediate in glycogen breakdown
Alt4	Protein primer for glycogen synthesis
50	Which of the following aminoacid does not have optical isomers?
	glycine
	valine
	Leucine
-	threonine
51	Cataract is a disease caused by
	Conjunctiva become thickened
	A clouding or loss of transparency of the eye lens due to tissue breakdown and protein clumping
	Nerves supplying the eyes getting weak
	Damage to Retinal pigments in the eye
52	Marasmus is characterized by:-
Alt1	moderate calorie deficit,
Alt2	severe protein deficit
Alt3	severe protein and calorie deficit
Alt4	infection
53	A pair of genes controlling a pair of contrasting characters is called:-
Alt1	Recessive
Alt2	Heterozygous
Alt3	Homozygous
Alt4	Allele
54	The allowed region in the Ramachandran Plot for three residues alanine, glycine and proline) decreases in the order:-
Alt1	Ala > Pro > Gly.
-	Gly > Ala > Pro.
	Gly > Pro = Ala
	Pro > Gly > Ala.
55	Number of base pairs per complete turn in Z-DNA?
Alt1	
Alt2	
Alt3	
Alt4	11
F.6	HMD shunt is unique in generating two important products:
	HMP shunt is unique in generating two important products:-
	pentoses& NADH
	hexoses& NADH Pentoses& NADPH
-	
Ait4	Hexoses & NADPH

57	The microorganism that is mainly used is an indicator of fecal pollution in water is:
Alt1	Closteridium tetani
Alt2	Cyanobacteria
Alt3	Closteridium botulinum
Alt4	Escherichia coli
58	AIDS is not transmitted by:-
	mosquito bite
	sharing unsterilized needles
	unprotected sex
	transfusion of infected blood
Alt	transitision of infected blood
50	An antihemorrhagic agent is a substance that promotes hemostasis or stops bleeding. Which of the following
]	vitamin can be considered as an agent:-
Λ I+1	
	vitamin C. vitamin K.
	vitamin D.
Alt4	vitamin A.
-	The plant hormone auxin causes:-
	Splitting of internode
	Cell expansion
	Shoot growth and shoot initiation
Alt4	Internodal elongation
61	Ethanol decreases gluconeogenesis by:-
Alt1	Inhibiting glucose-6-phosphatase
Alt2	Converting NAD+ into NADH and decreasing the availability of pyruvate
Alt3	Converting NAD+ into NADH and decreasing the availability of lactate
Alt4	Inhibiting PEP carboxykinase
62	Cyclic AMP is formed from ATP by the enzyme adenylate cyclase which is activated by the hormone:-
Alt1	Epinephrine
	Progesterone
	Testosterone
	Insulin
7	
63	Most common type of phospholipids in the cell membrane of nerve cells is:-
	phosphatidylinositol
Δl+1	
Alt2	phosphatidylcholine
Alt2 Alt3	phosphatidylcholine phosphatidylserine
Alt2 Alt3	phosphatidylcholine
Alt2 Alt3 Alt4	phosphatidylcholine phosphatidylserine sphingomyelin
Alt2 Alt3 Alt4	phosphatidylcholine phosphatidylserine sphingomyelin Sucrose consists of:-
Alt2 Alt3 Alt4 64 Alt1	phosphatidylcholine phosphatidylserine sphingomyelin

Alt3	Glucose + mannose
Alt4	Glucose + glucose
65	Fatty acid biosynthesis requires for the transport of acetyl co A from the mitochondria.
Alt1	Alpha keto glutarate
Alt2	Arginine
Alt3	Citrate
Alt4	Ornithine
66	The chemical, typically released by the body in an allergic response is:-
	histamine
Alt2	perforins
	allergens
Alt4	antihistamines
	Mosquitoes act as vector for the disorder:-
	Leishmaniasis
	African trypanosomiasis
	Bancroftian filariasis
Alt4	Onchocerciasis
1	
	The technique for purification of proteins that can be made specific for a given protein is:-
	Gel filtration chromatography
	Electrophoresis
	Affinity chromatography
Alt4	Ion exchange chromatography
	Carcinomas are tumors arising from:-
	Epithelial tissue
	Muscle Comparation tiesus
	Connective tissue
Alt4	Bone
70	Bacteria protect themselves from viruses that infect them by fragmenting viral DNA with the help of:-
/0	bacteria protect themselves from viruses that inject them by fragmenting viral biva with the help of
Λ I+1	Restriction Endonucleases
	Exonucleases
	DNAses
	RNAses
	THE GOO
71	Liquid food drinking is:-
	pinocytosis
	diffusion
	imbibition
	phagocytosis
,	F01

72	All of the following statements about the enzymic complex that carries out the synthesis of ATP during oxidative
	phosphorylation are correct except:-
Alt1	It is inhibited by oligomycin
Alt2	It is located on the matrix side of the inner mitochondrial membrane
Alt3	It can exhibit ATPase activity
Alt4	It can bind molecular O2
73	Mammalian promoter sequence is located:-
	At about 20 bp upstream of translational start site
Alt2	Within coding sequence
Alt3	At about 20 bp upstream of transcriptional start site
	Downstream of coding sequence
74	Nitrification is conversion of :-
	NO3- into N2
	N2 to NH3
	Organic nitrogen into NH4+
	NH4+ into NO3-
AIL4	NH4+ IIILU NO5-
75	Dhashbatidul saring an important component of higherical membrane is located in
	Phosphatidyl serine an important component of biological membrane is located in:-
	both leaflets
	the outer leaflet but flipflops into inner leaflet under specific conditions
	the inner leaflet but flipflops to outer leaflet under specific conditions
Alt4	the middle of the bilayer
1	
	Which one of the following would be expected in pyruvate kinase deficiency?
	Increased levels of lactate in the R.B.C
	Hemolytic anemia
Alt3	Increased phosphorylation of Glucose to Glucose-6-phosphate
Alt4	Decreased ratio of ADP to ATP in R.B.C
77	In fluid mosaic model :-
Alt1	proteins are embedded at places in phospholipid bilayer
Alt2	phospholipid monolayer is present on the top of a protein layer
Alt3	phospholipid monolayer is sandwiched between two protein layers
Alt4	phospholipid bilayer if present on the top of a protein layer
78	One of the following statements is correct:-
	Insulin converts glycogen synthase b to a
	Glycogen synthase 'a' is the phosphorylated
	UDP glucose molecules interact and grow into a Glycogen tree
	CAMP converts glycogen synthase b to 'a'
/1104	S Control to bijoupon of its to to
70	The size of red blood cells (RBC) in venous blood is greater than that of arterial blood. This increased size of red
	blood cell in the venous blood is due to:-
	the dissociation of cytoskeletal proteins in RBC
Alt2	the increased osmotic pressure in plasma

Δ IT/I	the decreased osmotic pressure in plasma
AIL4	the decreased osmotic pressure in plasma
90	Which eukaryotic cellular organelles are believed to have from symbiotic bacteria?
_	endoplasmic reticulum and the Golgi apparatus.
-	peroxisomes
	mitochondria and chloroplasts
	lysosome
AIL4	iysosome
21	What is the advantage of having two lipid bilayers around mitochondria?
	They prevent the entry of chemicals into mitochondria.
	They act as a store of phospholipids.
	They maintain a proton gradient
	They protect the cell from free radicals
7 (10-7	They protect the centrolline reduceds
82	The KDEL sequence, found on luminal proteins of the ER, is responsible for:-
	quality control in the ER.
	insertion of proteins into the membrane of the ER.
	retrieval of ER luminal proteins from the Golgi
	translocation of proteins into the ER lumen.
83	The immunoglobulins are classified on the basis of:-
	Carbohydrate content
	Light chains
	Electrophoretic mobility
	Heavy chains
	·
84	In the immune system the mononuclear phagocyte system comprises of :-
Alt1	Endothelial cells and Erythrocytes
Alt2	Mast cells and Eosinophils
Alt3	Neutrophils and Basophils
Alt4	Blood monocytes, Liver Kupffer cells, Kidney mesangial cells etc
85	Reduced glutathione functions in R.B.Cs to:-
Alt1	Reduce methemoglobin to hemoglobin
Alt2	Produce NADH
Alt3	Reduce oxidizing agents such as H2O2
Alt4	Produce NADPH
86	Viruses that possess reverse transcriptase enzyme and capable of synthesizing DNA from RNA are termed a
	Riboviruses
	Rota viruses
	Retro viruses
Alt4	Rhabdoviruses

	T
	Heliobacter pylori
	Listeria monocytogenes
	Borellia burgdorferi
Alt4	Streptococcuc pyegenes
	Which pathway is correct for catabolism of purines to form uric acid?
	guanylate→adenylate→xanthine→hypoxanthine→uric acid.
	adenylate→inosinate→xanthine→ hypoxanthine→Uric acid.
	adenylate→inosinate→hypoxanthine→ xanthine→uric acid.
Alt4	guanylate→inosinate→xanthine→hypoxanthine→uric acid.
	T
89	In the dark, rods show a large inward 'dark' current which is suppressed by a flash of light. Which one of the
	following statements, explaining the effect of light, is true?
	sodium channel in the inner segment of rods are closed
	transducing dissociate from beta arrestin
Alt3	sodium channel in the outer segment of rods are closed
Alt4	cytoplasmic cGMP concentration increases
90	Which of the following best explains why the plasma membranes of all cells exhibit a negative resting potential?
Alt1	The membrane is mostly permeable to K+, and the Na+ gradient favors its diffusion out of the cell.
Alt2	The membrane is mostly permeable to K+, and the K+ gradient favors its diffusion into the cell.
	The membrane is mostly permeable to K+, and the K+ gradient favors its diffusion out of the cell.
Alt4	The membrane is mostly permeable to Cl-, and the Cl- gradient favors its diffusion out of the cell.
91	Which of the following replacement causes sickle cell anemia?
	Gln α6→Val
Alt2	Glu α6→Val
Alt3	Glu β6→Val
Alt4	Gln β6→Val
92	How many times longer is the DNA in a human chromosome than the length of the chromosome?
Alt1	10X
Alt2	100X
Alt3	10000X
Alt4	1000X
93	In contrast to eukaryotic mRNA, prokaryotic mRNA:-
Alt1	Has a poly A tail
Alt2	Can only be monocistronic
Alt3	Is synthesized with introns
Alt4	Can be polycistronic
	In the state to receive the transport of the state of the
94	In innate immunity, immune cells recognize invading pathogens based on their specific pathogen associated
A 1 - 4	molecular patterns (PAMPs) through:-
	Glycoproteins
Alt2	LPS

	Clathrin like molecules.
Alt4	Pattern recognition receptors (PRR)
	,
	Degeneracy of genetic code implies that:-
Alt1	No anticodon on tRNA molecule
	Specific codon decodes many amino acids
-	Codons do not code for specific amino acid
Alt4	Multiple codons must decode the same amino acids
	,
96	Isoelectric point of lysozyme is 9.2. When the enzyme solution at this pH in water was titrated with HCl to give a
	pH of 5, it was observed that six ionized glutamic acid side chains got 9 protonateThe net charge on the enzyme
	at pH 6 would therefore be:-
Alt1	
Alt2	
Alt3	
Alt4	-6
	Which of the following inhibitor uncouples electron transport and oxidative phosphorylation?
	Oligomycin
	Azide
	Dinitrophenol
Alt4	Rotenone
	,
	In contrast to chemical induced mutations, mutations induced by transposons are more likely to
	be dominant
Alt2	be stable
	revert to wild type
Alt4	be lethal
	What is the natural function of restriction enzymes?
	Protecting bacteria by cleaving their own DNA
	Protecting bacteria by cleaving the DNA of infecting viruses.
-	Protecting bacteria by methylating their own DNA.
Alt4	Protecting bacteria by methylating the DNA of infecting viruses.
	,
	"Bouquet stage" in meiosis is seen at:-
Alt1	Pachytene
	Zygotene
	Leptotene
Alt4	Diplotene