Time: 2.30 Hours	No. of Printed Pages		(Maximum Marks : 150
		Roll Number in word	ls:
		(in figures as in Hall	Ticket)
		Roll No. :	
Name & Signature of the Invigilator	PAPER-III SEPT-16/04	OMR Answer Shee	t No. :
	DILE COUNTY		

LIEE COTEMORO

Instructions for the Candidates

Write your Roll Number in the space provided on the top of this page.

2. This paper consists of Seventy Fifty (75) multiple choice type of questions. All questions are compulsory.

3 At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are requested to open the booklet and compulsorily examine it as below:

To have access to the Question Booklet, tear off the paper seal on the edge of this cover page. Do not accept a booklet without sticker seal and do not accept an open booklet.

Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.

After this verification is over, the Test Booklet Number should be entered on the OMR Answer Sheet and the OMR Answer Sheet Number should be entered on this Test Booklet.

Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the oval as indicated below on the correct response against each item.

(B) is the correct response.

- Your responses to the items are to be indicated on the OMR Answer Sheet under Paper III only. If you mark your response at any place other than in the oval in the OMR Answer Sheet, it will not be evaluated. Read instructions given inside carefully.

Rough Work is to be done in the end of this booklet.

If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Answer Sheet, except for the space allotted for the relevant entries, which may disclose your identity, or use abusive language or employ any other unfair means, such as change of response by scratching or using white fluid, you will render yourself liable to disqualification.

You have to return the original OMR Answer Sheet to the invigilator at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. You are however, allowed to carry original question booklet and duplicate copy of OMR Answer Sheet on conclusion of examination.

10. Use only Blue/Black Ball point pen.

- 1.1 Use of any calculator or log table etc., is prohibited.
- 12. There shall be no negative marking.
- In case of any discrepancy in the English and Gujarati versions of questions, English version will be taken as final. 13. પરીક્ષાથીઓ માટે સૂચનાઓ :
- આ પાનાની ટોચ પર દર્શાવેલી જગ્યામાં તમારો રોલ નંબર લખો.
- 2 આ પ્રશ્નપત્રમાં બહુવૈકલ્પિક ઉત્ત*રો* ધરાવતા **પંચોતેર (૭૫)** પ્રશ્નો આપેલા છે. **બધાજ** પ્રશ્નો ફરજિયાત છે.
- પરીક્ષાની શરૂઆતમાં આપને પ્રશ્નપુસ્તિકા આપવામાં આવશે. પ્રથમ પાંચ (પ) મિનિટ દરમ્યાન તમારે પ્રશ્નપુસ્તિકા ખોલી અને ફરજિયાતપણે નીચે મુજબ પરીક્ષણ 3 કરવું:
 - પ્રશ્નપુર્સ્તિકાનો વપરાશ કરવા માટે આ કવર પૃષ્ઠની ધાર પર આપેલ સીલ સ્ટીકર ફાડી નાખો. કોઈપણ સંજોગોમાં સીલ સ્ટીકર વગરની કે ખુલ્લી પ્રશ્નપુસ્તિકા (1) સ્વીકારશો નહીં.
 - કવર પૃષ્ઠ પર છપાયેલ નિર્દેશાનુસાર પ્રશ્નપુસ્તિકાના પ્રશ્નો, પૃષ્ઠો અને સંખ્યાને બરાબર ચકાસી લો. ખામીયુક્ત પ્રશ્નપુસ્તિકા કે જેમાં પ્રશ્નો/પૃષ્ઠો ઓછ હોય, બે વાર છપાયા હોય, અનુક્રમમાં અથવો અન્ય કોઈ કરક હોય અર્થાત કોઈપજા સંજોગોમાં ખામીયુક્ત પ્રશ્નેપુરિતકા સ્વીકારશો નહીં. અને જો ખામીયુક્ત પ્રશ્નપુસ્તિકા મળી હોય તો નિરીક્ષક પાસેથી તુરંત જ બીજી સારી પ્રશ્નપુસ્તિકા મેળવી લેવી. આ માટે ઉંમેદવારને પાંચ (૫) મિનિટનો સમયગાળો આપર્વોમાં આવશે. પછી થી, પ્રશ્નપુસ્તિકા બદલવામાં આવશે નહીં કે કોઈ વધારોનો સમયગાળો આપવામાં આવશે નહીં.

(iii) આ ચકાસણી સમાપ્ત થાર્ય પછી, પ્રશ્નપુસ્તિકાનો નંબર OMR જવાબ પત્રક પર લખવો અને OMR જવાબ પત્રકનો નંબર પ્રશ્નપુસ્તિકા પર લખવો. પ્રત્યેક પ્રશ્ન માટે ચાર જવાબ વિકલ્પ (A), (B), (C) અને (D) આપવામાં ઓવલ છે. તમારે સાયા જવાબના ઓવલ (oval) ને નીચે આર્પેલ ઉદાહરલુ મુજય 4. પેનથી ભરીને સંપૂર્ણ કાળું કરવાનું રહેશે.

ઉદાતરણ : 🛕 🛑 🔘 🔘 કે જ્યાં (B) સાચો જવાબ છે.

- આ પ્રશ્નપસ્તિકાના પ્રશ્નો ના જવાબ અલગથી આપવામાં આવેલ OMR જવાબ પત્રકમાં પેપર –III લખેલ વિભાગમાં જ અંકિત કરવા. જો આપ OMR જવાબ પત્રકમાં આપેલ ઓવલ (oval) સિવાય અન્ય સ્થાને જવાબ અંકિત કરશો તો તે જવાબનું મૂલ્યાંકન કરવામાં આવશે નહીં
- અંદર આપેલ સુચનાઓ ધ્યાનપૂર્વક વાંચો.
- કાયું કામ (Rough Work) પ્રશ્નપુસ્તિકાના અન્તિમ પૃષ્ઠ પર કરવું.
- જો આપ OMR જવાબ પત્રક નિયંત જગ્યા સિવાય અન્ય કોઈપણ સ્થાને, આપનું નામ, રોલ નંબર, કોન નંબર અથવા એવું કોઈ ચિન્હકે જેનાથી તમારી ઓળ ખ થઈ શકે, અંક્તિ કરશો અથવા અભદ્ર ભાષાનો પ્રયોગ કરો, અથવા અન્ય કોઈ અનુચિત સાધનોનો ઉપયોગ કરો, જેમ કે અંક્તિ કરી દીધેલ જવાબ ભૂંસી નાખવો કે સકેદ શાહીનો ઉપયોગ કરી બદલશો તો આપને પરીક્ષા માટે અયોગ્ય જાહેર થઈ શકો છો.
- 9. પરીક્ષા સમય પૂરો થઈ ગયા બાદ ઓરીજીનલ OMR જવાબ પત્રક જે તે નિ રીક્ષકને કરજીયાત સોપી દેવું અને કોઈ પણ સંજોગોમાં તે પરીક્ષામંકની બહાર લઈ જવું નહીં. પરીંથા પૂર્ણ થયા બાદ ઉમેદવાર ઓરીજીનલ પ્રશ્નપુસ્તિકા અને OMR જવાબ પત્રકની કુષ્લિકેટ કોપી પોતાની સાથે લઈ જઈ શકે છે.
- માત્ર કાળી/ભૂરી બોલ પોઈન્ટ પેન વાપરવી. 10
- કેલ્ક્યુલેટર અને અન્ય ઈલેક્ટ્રોનિક યંત્રોનો ઉપયોગ કરવાની મનાઈ છે. 11.
- ખોટા જવાબ માટે નકા રાત્મક ગુણાંકન પ્રથા નથી. 12.
- પ્રશ્નપુસ્તિકાના કોઈ પ્રશ્નમાં અનુવાદ અંગે કોઈ વિવાદ/મતભેદ જણાય તો અંગ્રેજી વર્ઝન યોગ્ય ગણાશે. 13.

LIFE SCIENCES

PAPER - III

Note: This paper contains SEVENTY FIVE (75) Multiple-choice questions, each question carrying TWO (2) marks. Attempt All questions.

1.	Whic	ch of the following is a ketotric	ose ?	
	(A)	Glyceraldehyde	(B)	Dihydroxyacetone
	(C)	Erythrose	(D)	Arabinose
2.	N-ac	etyl-Neuraminic acid is :		
	(A)	Sugar acid	(B)	Amino sugar acid
	(C)	Amino sugar	(D)	Sugar alcohol
3.	Milk	protein casein is a:		
	(A)	Nucleoprotein	(B)	Phosphoprotein
	(C)	Lipoprotein	(D)	Glycoprotein
4.	Whe	n the absorption of uv-light by	double	stranded DNA increases, this is
	calle	d as:		
	(A)	Hyperchromic effect	(B)	Hypochromic effect
	(C)	Polychromic effect	(D)	Achromic effect
5 .	The	helicase and primase form a fund	tional	unit within the replication complex
	calle	d as:		
	(A)	Replicosome	(B)	Primosome
	(C)	Holosome	(D)	Endosome

6.		nical reaction of a disulfide	bond	with the	following	reagent	is
	irrev	ersible :					
	(A)	Glutathione	(B)	Perform	ic Acid		
	(C)	DTT	(D)	Cysteine	e		
7.	Cell	cycle arrest at the ${ m G_2}$ check po	oint is	mediated	l by:		
	(A)	GPCR mediated signalling ca	scade				
	(B)	Phosphorylation/Dephosphoryl	ation (cascade			
	(C)	Inhibition of gene transcription	on				
	(D)	Activation of apoptosis					
8.	Duri	ng cell cycle yeast cells have a	regula	tory poin	t that occur	s late in	G_1
	phas	e known as :			٠		
	(A)	Restriction point	(B)	START			
	(C)	Activation point	(D)	Resting	point		
9.	Whic	ch of the following, mediate int	raspeci	ies quorui	m sensing i	n Gram	+ve
	bacte	eria ?					
	(A)	Autoinducer-2					
	(B)	Autoinducer peptide					
	(C)	Acyl homoserine lactone					
	(D)	N-3-(Oxohexanoyl) homoserine	e lacto	one			

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	(C)	Thymine	(D)	Cytosine		
	(A)	Adenine	(B)	Guanine		
13.	Telomeres are rich in which nucleotide ?					
	(D)	It transports cations from cyt	oplasm	to mitochondrion		
	(C)	It generates ATP by oxidative phosphorylation				
	(B)	Mitochondrion oxidises fatty acids				
	(A)	Mitochondrion is a big organelle in the cell				
12.	Mitochondrion is known as the powerhouse of the cell because :					
	(D)	Stain well with Grams stain				
	(C)	Are resistant to penicillin				
	(B)	Have a rigid cell wall				
	(A)	Reproduce on artificial media				
11.	Мусор	plasma are bacterial cells that	:			
	(C)	Sieve tube elements	(D)	Fibres		
	(A)	Vessels	(B)	Companion cells		
	are:					
10.	In an	giosperms, the only functional	cells	with cytoplasm but no	nucleus	

14.	Whiel	n of the following is <i>not</i> a conj	ugated	protein ?			
	(A)	Peptone	(B)	Phosphoprotein			
	(C)	Lipoprotein	(D)	Glycoprotein			
15 .	Enzy	mes that catalyse interconversion	on of c	optical, geometrical or positional			
	isome	ers are :					
	(A)-	Ligases	(B)	Lyases			
	(C)	Hydrolases	(D)	Isomerases			
16.	Prote	ins that block the synthesis of	RNA	at specific genes are called as :			
	(A)	Suppressors	(B)	Repressors			
	(C)	Terminators	(D)	Operons			
17.	In single stranded RNA viruses replication occurs by which of the following						
	enzyr	nes ?					
	(A)	Reverse transcriptase	(B)	RNA polymerase			
	(C)	RNA replicase	(D)	Telomerase			
18.	The release of which hormone is inhibited by Thyroxine?						
	(A)	LH	(B)	TSH			
	(C)	GH	(D)	FSH			

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	(D)	Ability to induce apoptosis	
	(C)	Ability to interfere with microtubule dynamics	
	(B)	Ability to interfere with cell cycle	
	(A)	Ability to inhibit cell proliferation	
	of its	:	
21.	Colch	icine has been used in the treatment of acute gout disease	because
	(D)	Induce apoptosis of cells	
	(C)	Stimulate cell cycle and induce proliferation	
	(B)	Activate phosphorylation and induce apoptosis	
	(A)	Release cytokines and kill the infectious organism	
	virus	to:	
20.	TLRs	are involved in the recognition of the pathogen including b	acteria/
	(D)	Induces threonine phosphorylation of the β -subunit	
	(C)	Induces serine phosphorylation of α -subunit	
	(B)	Induces tyrosine phosphorylation of the β -subunit	
	(A)	Induces dimerisation of the insulin receptor	
-	and:		
19.	Insuli	n binds to the α -subunit of the transmembrane insulin recept	or first
		·	

22.	How	many transmembrane helices a	re pre	sent in GPCR ?
	(A)	6	(B)	4
	(C)	7	(D)	8
23.	Opiur	n derivatives are bound by:		
	(A)	Adenylate cyclase	(B)	GPCRs
	(C)	Insulin Receptor	(D)	Steroid Receptor
24.	Stero	id hormones elicit their actions by	bindi	ng to the steroid receptors located
	in:			
	(A)	Plasma membrane	(B)	Endoplasmic reticulum
	(C)	Lysosomes	(D)	Nucleus
25.	Whiel	n of the following Gymnosperm	s lack	archegonium ?
	(A)	Ginkgo	(B)	Pinus
	(C)	Cycas	(D)	Gnetum
26.	Male	gametophyte in Angiosperms p	ossesse	es:
	(A)	One vegetative cell and two m	nale ga	ametes
	(B)	One vegetative cell and one m	nale ga	amete
	(C)	Two vegetative cells and two	male g	gametes
	(D)	Two vegetative cells and one	male g	gamete

27 .	Double fertilisation is a characteristic feature of:			
	(A)	Dicots	(B)	Monocots
	(C)	Gymnosperms	(D)	Both dicots and monocots
28.	One	of the following sequences is co	rrect :	for vertebrate development:
	(A)	Blastula — Gastrula — Neur	ula	
	(B)	Blastula — Morula — Neurul	la	
	(C)	Gastrula — Morula — Blastu	la	
	(D)	Neurula — Morula — Gastru	la	
29.	Asexu	ial reproduction as fission is v	ery c	ommon in
	(Å)	Protozoans	(B)	Poriferans
	(C)	Cnidarians	(D)	Echinoderms
30.	One o	f the following larva during devek	pmen	t give rise to triploblastic-coelomate
	anim	al?		
	(A)	Planula	(B)	Ephyra
	(C)	Miracidium	(D)	Trochophore
31.	The o	chief source of auxin in plants	is:	
	(A)	Pith of the stem	(B)	Pericycle
	(C)	Shoot apex	(D)	Lateral buds

L.S.-III

[P.T.O.]

32.	Gibb	erellins are chemically:		
	(A)	Triterpenes	(B)	Monoterpenes
	(C)	Diterpenes	(D)	Tetraterpenes
33.	Tran	sfer cells are present near or a	.t :	
	(A)	root hairs	(B)	stem nodes
	(C)	minor veins of leaves	(D)	endodermis
34.	Zinc	is essential for:		
	(A)	biosynthesis of IAA	(B)	chlorophyll synthesis
	(C)	stomatal mechanism	(D)	Calvin cycle
35.	Whic	h one of the following processes h	as not	been implicated in the mechanism
	of op	ening of stomata?		
	(A)	Production of organic acids		
	(B)	Hydrolysis of starch in guard	cells	
	(C)	Uptake of K+ ions in guard co	ells	
	(D)	Loss of water and shrinkage	in gua	rd cells
36.	Insec	tivorous plants grow in places	where	:
	(A)	Light conditions are poor		
	(B)	Temperature and humidity ar	e high	ı
	(C)	Soil is poor in nitrogen		
	(D)	Soil is highly saline		

	(D)	Subclavian and systemic ao	rta		
38.	The	disease 'diabetes incipidus' is a	related	to	
	(A)	Insulin	(B)	Glucagon	
	(C)	Aldosterone	(D)	Thyroxine	
39.	The	function of 'corpus leuteum'	is to :		
	(A)	Facilitate implantation	(B)	Facilitate fertilization	
	(C)	Facilitate ovulation	(D)	Facilitate lactation	
40.	The	blood pressure in kidney is ma	aintaine	ed by	
	(A)	Thyroid secretion			
	(B)	Thymus secretion			
	(C)	Renin-angiotensin secretion			
	(D)	Adrenal secretion			
41.	The 1	movement of eyeball is regulat	ed by .		
	(A)	Olfactory nerve	(B)	Optic nerve	
	(C)	Occulomotor nerve	(D)	Auditory nerve	
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42 .	The c	olour vision in humans is attri	buted	to
	(A)	Cone cells	(B)	Rod cells
	(C)	Schwann's cells	(D)	Cortical cells
43.	For	barcoding of an animal spe	cies n	nost conserved molecule used
	is			
	(A)	Nuclear DNA	(B)	Mitochondrial DNA
	(C)	mRNA	(D)	tRNA
44.	The o	colour blindness in human is du	ie to p	oint mutation, it is
	(A)	Autosomal disorder	(B)	Metabolic disorder
	(C)	X-linked disorder	(D)	Y-linked disorder
45 .	If a	red-flowered plant is crossed w	ith a v	white flowered individual and the
	offsp	ring has pink flowers, the gene	otypic	expression indicates:
	(A)	Multiallelic condition	(B)	Mutation
	(C)	Codominance	(D)	Incomplete dominance
46.	Fron	n which grand parent or grand pa	rents	did you inherit your mitochondria?
	is it	your		
	(A)	Mothers parents	(B)	Paternal grandfather
	(C)	Gandmothers	(D)	Maternal grandmother

47.	Dosa	age compensation is observed with		
	(A)	The Y-chromosome of males		
	(B)	The X-chromosome of males		
	(C)	The X-chromosome of male a	nd fen	nale sexes
	(D)	One of the X-chromosome of	female	2 S
4 8.	An I	Hfr bacterium is one that contai	ins	
	(A)	many unusual plasmids		·
	(B)	chromosomal material acquire	ed from	n a recipient cell
	(C)	a plasmid integrated into its	chrom	osome
	(D)	the ability to undergo transd	uction	
4 9.	Occu	rrence of pollinia in Orchidaceae and Asclepiadaceae is an example		
	of:			
	(A)	Parallelism	(B)	Analogy
	(C)	Convergence	(D)	Reversal
50.	DNA	barcoding has maximum appli	ication	s in:
	(A)	tracing the ancestry of a spec	cies	
	(B)	detection of mutants		
	(C)	identification and delimitation	of spe	ecies
	(D)	assessment of phylogenetic rel	lations	hips between taxa

[**P.T.O.**]

L.SIII		14				
	(C)	Circulatory system	(D)	Reproductive system		
	(A)	Digestive system	(B)	Respiratory system		
54. Clitellum is the structure of oligochaeta which is associated wit			ich is associated with			
	(C)	Arachnida	(D)	Insecta		
	(A)	Cephalopoda	(B)	Crustacea		
53.	The	The 'horse-shoe crab' is classified in				
	(C)	Octopoda	(D)	Decapoda		
	(A)	Tetrapoda	(B)	Hexapoda		
	vertebrates ?					
52. One of the following terms used for appendages of animals is co			ndages of animals is correct for			
letter						
(D) Name of the cultivar is not in italics and it starts with				ics and it starts with a capital		
	(C)	y upto family rank, not above it				
		the name which was later validly published by the second				
	(B)	Names of two authors are linked by ex when the first had pr				
		type method				
	(A)	The names of all taxonomic gr	oups e	except species are based on the		
51.	Whiel	ch of the following statements is not as per ICBN?				

L.SIII		15		[P.T.O.]
(D) if it hybridises readily with rela				pecies
(B) is rare, but may become locally extinct soon(C) yields hard and waterproof timber				
				nct soon
(A) if its disapearance may lead to collapse of the ecosyst			ose of the ecosystem	
59 .	9. A keystone species is one which:			
warming				
(D) Giving monetary compensation to countries likely to be affect				
	(C) Finding ways of fixing atmospheric CO ₂ in below soil biom			
	ous countries			
	(A)	Breeding crops that can benefit	it fron	n elevated CO ₂
58. Kyoto protocol focuses on:				
	(C)	Temperate forest	(D)	Alpine forest
	(A)	Tropical moist forest	(B)	Tropical deciduous forest
57 .	Which	h of the following type of forest	s occu	pies the largest area in India?
	(C)	Himalayas	(D)	Western Ghats
	(A)	Indo-gangetic plains	(B)	Thar desert
56 .	Podo	phyllum hexandrum is an enda	ngered	medicinal plant of :
	(C)	Nagaland	(D)	Ladakh
	(A)	Sunderbans	(B)	Nicobar islands
55.	Whic	h part of India is part of Saud	aland	Biodiversity Hotspot ?

60.	Eutro	Eutrophication can be observed in :			
	(A)	Stream	(B)	Lake	
	(C)	River	(D)	Ocean	
61.	Group	o of fish that stay together and p	erform	swimming in the same direction	
	in a coordinated manner is known as				
	(A)	Schooling	(B)	Shoaling	
	(C)	Swarming	(D)	Sinking	
62.	Diurnal ascending movements of plankton is termed as				
	(A)	Photokinesis	(B)	Phototaxis	
	(C)	Klinokinesis	(D)	Geotaxis	
63.	Speciation that occurs when biological populations of the same specie				
	become isolated from each other to an extent which prevents gen				
	interchange is				
	(A)	Sympatric speciation	(B)	Allopatric speciation	
	(C)	Parapatric speciation	(D)	Peripatric speciation	

64.	In pl	In phenerozoic Eon, which one of the following era is popularly known as				
	'Era of fishes'?					
	(A)	Cenozoic era	(B)	Mesozoic era		
	(C)	Palaeozoic era	(D)	Cryptozoic era		
65 .	Whic	hich one of the following is true for cephalochordates?				
	(A)	Presence of ventral nerve cord and notochord				
	(B)	Presence of dorsal nerve cord and notochord				
	ertebral column					
	(D)	Presence of notochord and jaws				
66. Angiosperms are believed to have originated about			d about			
(A) 450 million years ago (MYA)						
	* .					
(C) 135 MYA						
	(D)	95 MYA				
67. Amino benzyloxymethyl filter paper is commonly used for the			nonly used for the transfer in :			
	(A)	Western Blotting	(B)	Southern Blotting		
	(C)	Dot Blotting	(D)	Northern Blotting		
L.SIII		17		[P.T.O.]		

L.S	Ш	18			
	(C)	Tuberculosis	(D)	Tetanus	
	(A)	Diphtheria	(B)	Pertussis	
71.	DPT vaccine confers protection from all the diseases, except for :				
	(D)	Enhacing mineral content			
	(C)	Drought resistance			
	(B)	Insect resistance			
	(A)	Enhancing fiber length			
70.	The cotton plant transgenic for crystaloprotein has been developed for :				
		coming first			
	(D)	Proteins are eluted in a decreasi	ng ord	er of molecular mass with largest	
	(C)	Proteins are eluted in an incre	easing	order of molecuar mass	
	(B)	The globular protein comes fir	st		
	(A)	The smallest protein comes first			
	filtration column:				
69.	When	n a mixture of proteins of vario	ous siz	ze and shape, is applied to gel	
	(D)	Both bacterial and yeast artific	cial Cl	nromosomes	
	(C)	Bacterial artificial Chromosome	es	•	
	(B)	Yeast artificial Chromosomes			
	(A)	Bacteriophage			
68.	What	is the best cloning vector for le	ong D	NA inserts ?	

L.SI	П	19		[ውጥር]	
	(C)	Micorsomes	(D)	Cytosol	
	(A)	Plasma membrane	(B)	Lysosomes	
	which cell component will pellet last?				
7 5.	When we carry out subcellular fractionation by differential centrifugation			on by differential centrifugation,	
	(C)	Functional genomics	(D)	Settlement of IPR issues	
	(A)	Crime detection	(B)	Paternity analysis	
74.	DNA fingerprinting has proved very useful, but it finds no use in :				
	(D)	Catabolite repression			
	(C)	Solid substrate			
	(B)	Prevention of catabolite repre	ession		
	(A)	Catabolite inhibition			
	due	to:			
73.	Ove	rproduction of chitinase enzyme	es is po	essible by solid state fermentation	
	(C)	Alkali treatment	(D)	Sugar treatment	
	(A)	Salt treatment	(B)	Acid treatment	
7 2.	Whi	ch of the following treatments	enhan	ced phytoremediation of metals?	
7 2.	Whi	ch	of the following treatments	of the following treatments enhan	

[P.T.O.]

ROUGH WORK