Biology		9th, Gujranwala Board, 2015			Group - I	
Time: 2.45 hours		Subjective			Marks = 63	
Not				. 74	EV.	Attempt any
6.		urree quatemnt a	iestic	vo par	s from	ection III and section III.
attempt any two parts from section III.  Section-I						
5	V	Mrita	la a ut			
TO AND ADDRESS OF THE PARTY OF		question		answ	ers to	any Six (6)
	i.	Differenti	iate	betwe	en P	hysiology and
	H	Morpholo	ogy.	nt by	hiadak	
	What is meant by biocher with What is meant by observations? Write the way of the second with					
		What is it		by ob	servati	ons? Write their
	IV V	What is no Define er				
	Vi	Name 1	three			species in
	vii	Pakistani.		o truco o m	, la la la -	
	Differentiate between blebs and apopt bodies.					
200	Will Define meiosis.					
	X	When an made?	d wh	ere wa	s the f	irst microscope
3.		Write sh question		answe	rs to	any Five (5)
		10				
	İ	Define tur Differentia	Tool .	etween	cell	membrane and
19	eroewoor.	plasma m	embr	ane.		
100	200	Define me			each i	ntracellular and
1.		extracellu			cauli	miacellular and
	30399Aura	What is a	cofac	ctor?		
	THE RESERVE OF THE PARTY OF THE	Define Big What doe		46	for?	
8000						us and zinc in
		plants.		ل لمال	,	
4		Write sh	nort	100	rs to	any Five (5)
	Pag	question	S:			ann 10
		What are	the o	causes		and goiter
	T	Write the		es of	two jui	ces secreted in
	BIOCHESTICS .					
		diet.	role	of die	etary ti	bres in human
	MIN-2008	Define tra			100	
	V Vit	How trans	sport	of food	occurs	in plants?
	vii	Write a sh	nort n	ote on	"Thalas	od plasma? sassaemia".
	viii	Differentia	ate be	etween	arterie	s and veins.
			9.	ection		
5.	(a)	Describe	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A STATE OF THE PARTY OF THE PAR	WHIRESAUGHBUSHING	eristics of five
Y Total		kingdom	syste			ed by Margulis
	5.0	and Schw Write dov		e cont	rihution	as of Jabir Bin
*	100)	Hayan, Al	bdul l	Malik A	ismai a	and Bu Ali Sina
		in the field	d of B	iology.		4
2	(a) (b)	Describe to What are	me st Plasti	ds? Fx	or cell plain it	wall. 3 s three types. 4
7.	(a)	Write chair	racter	istics o	f enzyr	ne. 3
	(b)	Explain fo	ur ph	ases of	nucleu	of Malnutrition
		on human		unce t	HECIS	or ivialinutrition 3
	(b)	Write a i	note			Fertilizers and
9 (		describe the What is n		54		te its balanced
<u> </u>		equation.	. 10103	y 11111051	o: VVII	ic no palaticed
	(b	) Explain transnira	the f	actors	affection	ng the rate of 4
			7	VAGA		في ال
40	ani		Serve	d star	fish Dr	aw its diagram
10.a Whou observed star fish. Draw its diagram.  Also write its two characteristics.  (ii) You observed earth worm. Draw its						
		ii) You o diagrar		ed ea	iiin W	onn. Draw its 2
b		(i) You ha	ave of			oratory with the
						esis. Write the
		proced	ure of	this ex	perime	nt. 3
		1 /		The last of the la		esis. Write the
1	V۱	materia	al use	d in this	experi	ment. 2
		(i) You ol	bserv	ed "Bit	iret Te	est" for protein.
				ts proce ed "Bit		est" for protein.
						this test. 2
100 8				8		