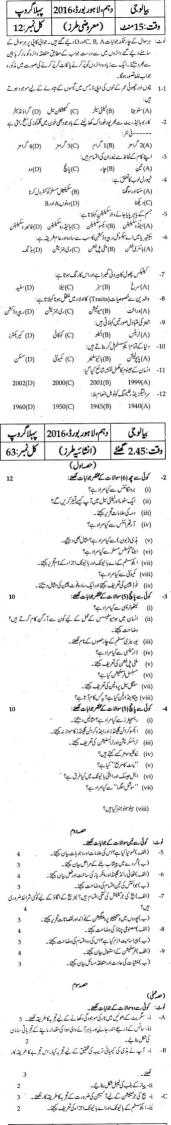
Biology		ı	ore Board 016	Group – I			
Tin	ne:15 Min.	Objecti	ve Type	Marks: 12			
Note				C and D to each			
×	question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that						
73 1	question.						
	1 For gaseous exchange the leaves and young stems have in their epidermis:						
	(A) Stomat (C) Compa		(B) Lentice (D) Ground				
2				ns aboutper			
		n carbohydrates:					
2.3	(C) 3 gram		(B) 1 gram (D) 4 gram	S			
			_	their work are:			
	(A) Three (C) Five		(B) Four (D) Two				
4	Temporal			th:			
	(A) Hearin	g and sme	ell				
	(B) Control of skeletal muscles (C) Visual information						
	(C) Visual (D) Both A		n				
5			outside the	body is called:			
-	(A) Endosi	keleton	(B) Exoske	eleton			
	(C) Hydro-						
6	reproduction			n way of asexual			
	(A) Binary			e fission			
	(C) Regen	eration	(D) Buddin	g			
7			ost whorl	of the flower and			
	bears the		(B) Green				
	(A) Red (C) Blue	(D) White					
8	Transmiss	ion of cha	racters (T	raits) from parent			
to offspring is called:							
	(A) Inherita	ance	(B) Mutatio	on			
	(C) Reproduc	ction (D) Regener	ation			
9	Alternate for	ns of gen	es are call				
	(A) Traits	•) Alleles				
40	(C) Coci) Characte				
		stem or tr	ie world to	gether form the			
	(A) Populatio	n (B) Biospher	e			
	(C) Commun	ity (D) Habitat				
11 Complete map of human genome							
published in : (A) 1999 (B) 2001							
	(C) 2000	•) 2001				
12 Sir Alexander Fleming was awarded the Nobe							
w= -	Prize in:	_					
	(A) 1940	•) 1945				
	(C) 1950	(D) 1960				

		ology		Lahore 2016			up –	ı
	Time	:2.45 hrs	Sub		Type	Marl	ks : 6	3
1	2.	Write sh	ort	PART-I	s to	any	Civ	(6
1	4	questions		answer	S 10	any	SIX	12
		Define Bro	nchiti					
	ii	How will you lenticel?	ou diff	ferentiat	e betwe	een a s	toma	and
	1111	Write the s	vmnte	oms of a	sthma			
	iv	What is art			ounna.			
		Define bon		337 94 900 3400 404 - 301 1				
		Define the Write the			nuscles Abio		nd B	ioti
	8411	componen				tic ai	id b	ioti
		What is me	ant b	y comm	unity?			
	ix	Define foo			give a	in exai	nple	of a
	3.	simple food Write sh		n. answer	s to	any	Five	(5
	_	questions				,		10
	Q.	What is lith						
	ii	What are t	ne ma	aın orgai	ns work	for ho	meost	ası
		in man? Exp Write down		ames of	four ora	ans of	urinan	,
	_	system.	tile ne	arries or	iour org	aris or	unnar	
		What is mea	,		y?			
		Define multi What is con			tation?			
		Define single			itation.			
1		What is Beta						
		Write sho questions:	rt ar	iswers	to ar	ly FIV	E (5	
	8	What is mea				examp	les.	
		Compare di glands.	exocri	ne glar	nds ar	nd end	locrine	;
		giarius. Define tr a ns	criptio	n and tra	anslatio	٦.		
		What is mea			mes?			
		What is "Pui What is d		quare"? ce betv	veen a	nalgesi	c and	4
		antibiotic?					o arre	•
		What is mea				?		
	VIII	What are Ha		ART-II				
	Note : A	Attempt any			ns.			
	5.(a)	What is Pne				symptor		
	(b)	causes? What steps	are	involved	in the	forma	tion o	
		urine in the					3	
	6.(a)	Describe th			nd funct	tion of	(20)	
	(b)	gland and p Explain thre			S.		3	
	7.(a)	Describe th	e typ	es of se	ed ger			
		describe the seed.	e con	ditions fo	or the (germina	tion o	
	(b)	Describe the	e adva	antages	and dis	advanta		
		the vegetati			in plan	ts.	3	
	8.(a) (b)	Explain artif What is par			ain its t	wa tvoe	2 s with	
		examples.	aomo	II. Expi		, p.	3	
	9.(a)	Write a note		•				
	(b)	Describe problems.	arug	addictio	n and	asso	ociated 3	
		E	1.515		T			
	(Pract	ical Part)		PART-II	L			
	Note:	Attempt a						
	A.(i)		vn th	e proce	dure o	f expe	riment	t to
	(ii).	show the p		ice of ta agram		arette si e exp		
		apparatus			the in	haled	and	the
		exhaled air	۲.					2
	B.(i)	You perf	orme	d expe	riment	to ir	vestig	jate
		chemical of for this exp			burie.	AALITIE D	лосеа	lure 3
	(ii).	Draw the la	abelle	d diagra	m of on	ion bul	D.	2
	C.(i)	Write the p						
	(ii).	necessity of Define bid	ot oxy	gen for s	seed ge	rminati	on.	3
	W	ecosystem		iiu apio	uc cor	iiponen	is of	an



Biology	10 th , Lahore Board 2016	Group – II		
Time:15 Min.	Objective Type	Marks: 12		
Note: Four poss	sible answers A, B, (C and D to each		
question	are given. The cho	pice which you		
think is co	orrect, fill that circle	in front of that		
	with Marker or P			
circles w	ook. Cutting or fillir ill result în zero	ig two or more		
question.	m result in Zeio	mark in that		
	ermentation is proces	sed by		
(A) Virus	(B) Bacteria			
(C) Fungi	(D) Algae			
	from opium :			
	(B) Aspirin			
	ne (D) Paracet			
(A) D.N.A.	orm of gene is called (B) Gamete			
	osome (D) Allele			
4 As per r	normal chemical c	omposition the		
amount of v	water in the urine is:			
(A) 60%	(B) 70%			
(C) 80%	(D) 95%			

5 In every 1	00 ml of human blo	and concentration		
	is maintained as:	sou concentration		
(A) 180-20	00 mg (B) 150-18	30 ma		
_ (C) 100-15	50 mg (D) 80-120) ma		
6 Is not a pa	rt of carpel:	3		
(A) Ovary	(B) Anther			
(C) Stigma	a (D) Style			
7 Cytosine a	always pair with:			
(A) Guanir	ne (B) Thiam	ine		
(C) Adenir		gen		
8 Naturally f	ound in graphite and	diamond:		
	en (B) Carboi			
(C) Oxyge Stomata a				
	re frequently presen side of leaf (B) Lowe			
(C) Both si	ides of leaf (D) Sten	er side of leaf		
10 Ovary is ri	pened into			
(A) Seed	(B) Flower			
(C) Fruit	(D) Sweet			
11 The part	of the brain respon	sible for muscle		
movement	, interpretation of the	e senses and the		
memory is	8 1	2000000 V		
(A) Cerebr	1	B) Pons		
	a oblongata ([D) Cerebellum		
12 Some bone				
(A) Mucous	()			
(C) Oxyger	n (D) Hormo	nes		

Biology		10 th , Lahore Board 2016			Group – II			
Time	:2.45 hrs			Type	Mar	ks : 6	33	
2.	Write sh		PART-I answers	to	any	Six	(6)	
	questions		i+		_		12	
	Define nas Define voc							
iii	Why does Define liga			thick c	lue to	smoki	ng?	
LV4	Define liga	mems						
V	What are	biceps	and trice	eps?				
vi	Differentia			flexor	and	exter	nsor	
vii	muscle. Define pre	dation	with an	examp	le.			
	What are to What is m				arming	3?		
3.	Write sh	ort a	answers		any	Five	(5)	
R	questions What are I		hvtes? G	Sive an	exam	ple	10	
	What is hil	us?				p.0.		
iii iv	Define dia What is					two b	asic	
_	types.	•						
V	What is di cross polli			en sei	i pollii	iation	and	
	What is we What is me					,		
viii	What is me	eant by		erapy'	?			
43	Write sh questions		answers	to	any	FIVE	(5) 10	
Д	What is me	eant by						
	What are r Differentia		ges / vvrii between		n their Iscripti		on. and	
179	translation Differentia		voon gor	o and	allele			
iv V	Differentia							
vi	What is example.	mean	nt by a	analges	sics?	Give	an	
	Define hal		T 8					
Viii	Differentia bacteriosta		between tibiotics.	bad	ctericio	lal	and	
		r	PART-II					
Note:	Attempt any			ons.				
5.(a) (b)	Write a con How plant						4 and	
	oxygen ou	tside?					3	
6.(a)	Explain str	ucture	and fun	ction o	f pituit	ary gla	and. 4	
(b)	What is an				types	;?	3	
7.(a)	What is Al	us? G	ive its ca	iuses.			4	
(b 8.(a	Explain b Write air	oinary :	fission w	ith the	help o	f amoe	eba 3	
0.(a) (b	Writear		nitroger	fixatio	n.		on. 4 3	
9.(a	Write a continuo						and 4	
(b	T						3	
			PART-I	Į				
	ctical Part) : Attempt		NO que	stions				
	Write the	: prose	dure of e	experin	nent c			
	identiiy t exhaled :		esunce (angs	of card	on ci	oxide i	in air 3	
进	】Draw 时.	2 000	rain of	exper	ir ent	set u	ip 🖟	
EKU		s. ·	Expe	riment	to	invest	igata	
	chen ical for this ex	0.75	is tion o	f bone	Write	proce	edure	
(11)	Draw the	la						
	VVIIte dov termentat		proce <mark>du</mark> flour	re of e	хрен	ent fo	or the	
(0)	What is a		vstein?				2	

