## **BOARD OF INTERMEDIATE EDUCATION, KARACHI**

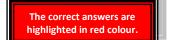
**INTERMEDIATE EXAMINATION 2016 (ANNUAL)** 

Date: 11.05.2016 9:30 a.m. to 9:45 a.m.

## BIOLOGY PAPER – II BOTANY (THEORY)

(Science Pre-Medical Group)

Max. Marks: 08 Time: 15 minutes



## <u>SECTION 'A'</u> (MULTIPLE CHOICE QUESTIONS) – (M.C.Qs.)

Gode No:BT-10

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1.

i) This section consists of 16 part questions and all are to be answered. Each question carries ½ mark.

Write this Code No. in the Answerscript.

- ii) Do not copy the part questions in your answerbook. Write only the answer <u>in full</u> against the proper number of the question and its part.
- iii) The code of your question paper is to be written <u>in bold letters</u> in the beginning of the answerscript.

Choose	the corre	ect answer for each from	n the give	en options:						
i)	The cor	rect sequence of sub-st $G_1G_2S$	ages duri *	ing interphase is: $SG_1G_2$	*	G1SG2		*	$G_2G_1S$	
ii)	This Bio	ome is called 'the Brea Savannah	d Basket	of the world:  Grassland		*	Desert		*	Tundra
iii)	The net	movement of water m Hypotonic solution	olecule re	emains in equilibri Hypertonic solut		n a cell is	T	n: c <mark>solutio</mark> i	*	none of these
iv)	These a	re found in the soil of l Hydrophytes	nigh salt o	concentration: Mesophytes	*	Haloph	ytes	*	Xerophy	ytes
v)	Promoti	ion of flowering by col Apomixis	d treatme	ent is called: Photoperiodism		*	Vernali	ization	*	Phototropism
vi)	Increase *	e in diameter of a plant Primary growth Abnormal growth	due to ac	etivity of vascular * *	Second	cambium ary grow growth		1:		
vii)	This bac	cterium lives in the roo	t nodules *	of leguminous pl Clostridium	ants:	Cyanoba	acterium		*	Azotobactor
viii)	Sex dete	ermination in Drosoph T.H. Morgan	ila was in	itially observed by  * Mendel	-	*	Watson		*	Darwin
ix)	Protein *	synthesis starts with th UAG *	is codon: UAA	*	UGA		*	AUG		
x)	The ten	dency of genes in a chr Epistasis	omosom *	e to remain togeth Linkage	er is calle	ed: *	Pleiotro	ру	*	Synapsis
xi)	Chromo	osomal theory of hered Watson *	ity was pi Griffith		Walter	Sutton		*	Chase	
xii)	It is a do	efect in humans in whi Sickle cell anaemia	ch blood *	fails to clot after a Phenylketonuria	an externa	al or inter *	nal injury <mark>Haemo</mark>		*	Colour blindness
xiii)	The cot	yledon in monocot see Scutellum	d is called	d: Integument	*	Coleorh	iza	*	Coleopt	ile
xiv)	In plant	s, the process of mitosi Amphi-astral	is is:	An-astral	*	Multi-as	stral	*	Di-astra	1
xv)	In Turn	er's syndrome, the con	dition of	chromosome is th Nullisomic	e exampl *	e of: Trisomi	c	*	Alloson	nic
xvi)	The tota	al aggregate of genes in Gene pool	a popula	ation at any time is Linkage	s called:	Crossing	g over	*	Genome	2

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