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

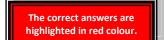
**INTERMEDIATE EXAMINATION 2016 (ANNUAL)** 

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-07

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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 correct answer for each	n from the giv	ven options:					
i)	In plants, the process of n * Amphi-astral	nitosis is:	An-astral	*	Multi-astr	al *	Di-astr	al
ii)	In Turner's syndrome, the * Monosomic	e condition of	f chromosome is Nullisomic	the exam	ple of: Trisomic	*	Allosoi	mic
iii)	The total aggregate of gen  * Gene pool	nes in a popu	lation at any time Linkage	e is called *	: Crossing o	over *	Genom	e
iv)	The correct sequence of s $*$ $G_1G_2S$	ub-stages du	ring interphase is $SG_1G_2$	:: *	G1SG2	*	$G_2G_1S$	
v)	This Biome is called 'the  * Savannah	Bread Baske	t' of the world:  Grassland		* Г	Desert	*	Tundra
vi)	The net movement of wat  * Hypotonic soluti		remains in equilil Hypertonic sol		<u>~</u>	laced in: sotonic soluti	on *	none of these
vii)	These are found in the soit * Hydrophytes	il of high salt *	concentration: Mesophytes	*	Halophyt	es *	Xeroph	nytes
viii)	Promotion of flowering b * Apomixis	y cold treatm *	ent is called: Photoperiodisr	n	*	Vernalization	*	Phototropism
ix)	Increase in diameter of a part of the second		activity of vascul	Secon	k cambium i dary growth ry growth	<b>—</b>		
x)	This bacterium lives in th  * Rhizobium	e root nodule *	es of leguminous Clostridium	plants:	Cyanobac	terium	*	Azotobactor
xi)	Sex determination in Dros  * T.H. Morgan	sophila was i	nitially observed  * Mend		* \	Vatson	*	Darwin
xii)	Protein synthesis starts w * UAG *	ith this codor UAA	1:	UGA	*	AUG		
xiii)	The tendency of genes in * Epistasis	a chromoson *	ne to remain toge Linkage	ether is ca		Pleiotropy	*	Synapsis
xiv)	Chromosomal theory of h * Watson *	eredity was p Griffitl		Walte	er Sutton	*	Chase	
xv)	It is a defect in humans in  * Sickle cell anaer		l fails to clot afte Phenylketonur			ıl injury: <mark>Haemophilia</mark>	*	Colour blindness
xvi)	The cotyledon in monoco	t seed is calle	ed: Integument	*	Coleorhiz	a *	Coleop	tile

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