	Sig. of Supdt.	MPD-XI BIOLO (Part (Fresh / Nev	OGY - II)	Roll No			
	بال میں موبائل فون لا تا بالکل تنف ہے		*	Fic. #	*******	-	
	<u> </u>	- Committee		711	*	· - .	: -
	Time Allowed: 3 Hrs.	BIOLOGY		ric.#	ic. #		
	International State	(Part			i (idai iv)	141 NS. OJ	
	Nomb of Minns	(Fresh / Ne			•		
	NOTE: There are THREE section					i .i ka	
	Time : 20 Mins.		a "A" 🧓			larks: 18	
	NOTE: Use this sheet for this sec				_	ng.	
n	Q. 1 Write the correct option i.e. A, E			site to each p	art.	[75]	63
i)	is the type of non (a) Taxls (b) Ki	-cirectional onemation nesis (c		(d)	Imprinting		(i)
ii)	The number of linkage group in ma	· · · · · · · · · · · · · · · · · · ·	, .	ν-7		B	(ii)
	(a) 2 (b) 23	• • •) 46	(d)	92		
iii)	Law of segregation is related to (a) Test cross (b) Ba	ack cross Q (c	Monohybrid	rmee (d)	Dihybrid cross	C	(iii)
lv)	The symptom of Alzheimer disease		mononyona	nosa juj	Diliyona Goos	[7]	(iv)
	• • • • • • • • • • • • • • • • • • • •	eadache (c	,	(d)	Memory Lapse		
^ v)	The following are symptoms of mer (a) Photophobia (b)			ana ildh i	Vamilios	C	(v)
vi)	(a) Photophobia (b) BCG vaccine is a type of		(c) Memory los	ses (d)	Vomiting	8	(vi)
-4		ve attenuated (c) Conjugated	(d)	Subunit	٠	
vil)	The protective coat which surround	•	TALL A			D	(vii)
viii)	• • • • • • • • • • • • • • • • • • • •	lantosis (c		oic (d)	Amnion		ZuliiY
viii)	(a) Exophthalmia (b) G	oiter (c		(d)	Microcephaly		(viii)
ix)	The H-substance gene is present of	•	•			\Box	(ix)
	(a) 19 (b) 10	1.		(d)	12	<u> </u>	
x)	Within the ovary progesterone is progesterone is progesterone (b) Ci) Tertiary follic	les (d)	Primary follicles		(x)
xi)	is characterize				t minuty romous	A	(xi)
	• • • • • • • • • • • • • • • • • • • •	ypercalcemia (c) Hyperurecer	nia (d)	None of these	· · · · · · · · · · · · · · · · · · ·	
xii)	Which is not salient feature of Darv (a) Use and disuse of organ	vin theory? (b) Overproduct	ion		LAL	(xii)
	(c) Struggle for existence	. (q	• ,	IOII			
XIII)	Insight learning was observed in		-			Ċ	(xiii)
	1.	ogs (c		s (d)	Cats		(via)
(vìx	In succession lithosere takes place (a) Sand (b) W	ater (c		• (d)	Bare rocks	டப்	(xiv)
xv)	Wheat hasnumber	•	,				(xv)
	(a) 42 (b) 43		c) 44	(d)	46.	[- \ \ -]	f
xvi)	Genes for milk, is an example of (a) Sex limited (b) Sex	ex influenced (c		(d)	None of these		(ivx)
(ilvx	HIV destroy a type of defense cell		•				(avii)
	* * * * * * * * * * * * * * * * * * * *	D8 (c	,	(d)	CD28 ,		f 321-
XVIII)	A condition of excessive thirst is kn (a) Polyuria (b) P	own asolydipsia (c		(d)	All of these	<u>Гр</u>	(xviii)
	(a) i uijana (u) E	oryanpula (o	, i dippilagia	(4)			

Section - B & C

Time Allowed: 2:40 Hrs.

Section - B

Marks: 40

Total Marks: 67

Q. 2 Answer any Ten parts. Each part carries equal marks.

- (i) How regulation of blood flow to skin is helpful to maintain body temperature?
- (ii) Briefly describe the territorial behavior.
- (iii) Define Hardy Weinberg principle.
- (iv) List down the control measures against HIV infection.
- (v) Write down a note on Otitis Media.
- (vi) Why human testes are located outside the abdominal cavity>
- (vii) What is Hamburger's phenomenon?
- (viii) Differentiate between special creation and evolution.
- (ix) How ADH controls the concentration of urine?
- (x) Briefly discuss sex-limited trait.
- (xi) What is recapitulation theory?
- (xii) What do you know about the gene therapy of cystic librosis?
- (xiii) What are Toxoid vaccines?

Section - C

Marks: 27

NOTE: Attempt any THREE questions. Each question carries equal marks.

- Q. 3 What is ecological succession? Write its types. How ecological succession takes place in extremely dry condition?
- Q. 4 Explain Mendel's law of independent assortment.
- Q. 5 How embryonic development of human occur?
- Q. 6 Write notes on any two.
 - (a) Discuss acid rain.
- (b) Influence of deforestation on environment.

(c) Ozone layer