Total No. of Pages: 02

Carl	
Seat	
No.	· 四原性 花

B.Sc. (Part-III) Semester-V (CBCS)

				E		ination,				
					Vii	ology (F Sub. Code	Paper	-IX)		
Day a	ind	Date:	Tuesda	ay, 2	6-03-2	2024			T	otal Marks: 4
Time:	: 10	.30 a.ı	m. to 12	2.30	p.m.					
Instru	ucti	ons:	1)	All	questi	ons are com	pulsor	y.		
			2)	Fig	ures to	the right in	ıdicate	full marks.		
			3)	Dra	w nea	t and labell	ed diag	rams where	ver nec	essary.
							a market			
Q.1	Rew	rite th	e follow	ing s	enten	ces by choos	ing cor	rect alterna	tive.	(8
	1)					the state of				e associated wit
	1)									
		(A)	virus	ansoa	(B)	prion		viroid	(D)	interferon
		, ,			` '	•				
	2)	The l	oasic stru	ıctura	al unit	of capsid is k	nown a	s		
		(A)	capsom	er	(B)	icosamer	(C)	heptamer	(D)	trimer
	2)	0	منام المالية	ating	in eni	thelial tissues	s is calle	ed		0
	3)					lymphoma	(C)	sarcoma	(D)	leukemia
		(A)	carcino	1114	(D)	1)p.:.	X-)			10 3 AP .
	4)	Geno	me of ac	denov	irus ha	ıs			M	
(A)		palindromic ends				(B)				
		(C)	inverted	d tern	ninal re	peats	(D)	redundant e	ends	
	6)	D	-itation	of vi	ne ie e	arried out usi	ng			
	5)	(A)	ammon				(B)	calcium sul	phate	
		(A)	sodium				(D)	potassium s	•	
		(0)	50414							РΤО

PTO

6) Lysis of bacteria by bacteriophages gives rise to a clear, circular area in a										layer or	
		cells									
		(A)	pock	(B)	plague	(C)	plaque	(D)	phage		
	7)	Proto	ovirus theory	was pro	posed by						
		(A)	Temin			(B)	Lederberg				
		(C)	Jacob and M	lonad		(D)	Watson and	d Crick		*	
	9)	Duni	ng lysogenic	. ,	1 1	1	comomo de	ts integ	rated in b	etween	
	8)					da pnage	genome ge	is mice.			
			g	enes of	E.coll.	(D)	Pro A and	Pro R			
			gal and bio			(B)					
		(C)	his and bio			(D)	Pro A and g	gai			
Q.2 Attempt ANY TWO.										(16)	
	1)	Desc	ribe in brief is	solation	n and cultiva	tion of ar	nimal viruses	s using t	issue cult	ure.	
/	2) Describe multiplication of tobacco mosaic virus.										
	3) Give different types of cancers and enlist the characteristics of cancer cells.										
					The state of the s						
Q.3	Wri	te shoi	rt notes. (Any	y four)						(16)	
	1)	One	step growth co	urve							
	2)	Struc	ture of T4 bac	cteriop	hage		*				
	(3)	HIV	structure								
	4)	Latex	droplet meth	od					a Q		
	5)	Repli	ication of ader	oviral	DNA				A Aller		
	6)	Onco	gene theory					Par			
							The state of the s	4).			