	[Time:	3 Hours]	[ Marks:100]
	Please check whether you have	e got the right question paper.	22222
	N.B: 1. All questions are compulse	ory.	
	2. Figures to the right indicat	te full marks.	
	3. Draw neat and labelled dia	agrams wherever necessary.	
	n blanks by choosing correct option.		(05)
	behaviour is controlled by §	genes and is without any environments	1 3 3 3 5 6 6 7 6 7 7 6 7 6 7 6
1)	influence.	series and is without any environmenta	
		c. Conditioning	
2)	Chewing finger nails in human during		
-/	activity.		1865
	a. displacement b. amphidr	omous c. foraging	
3)			32
,	a. Elephantiasis b. Rabies		200
4)			
	a. Apis laboriosa b. Apis cerena		
5)	61,000 3763, T		
	a. Stacked bin b. Immersion		
Q.1 B) Match	h the columns I and II and rewrite.		(05)
	Column I	Column II	
	1) European foulbrood disease	a) Vermiculture	
	2) Ritualization	b) Anthrax	
	3) Zoonosis	c) Honey bee	
	4) Top-fed windrows	d) Hilsa	
	5) Anadromous migration	e) Great crested grebe	
3		(	
Q.1 C) State	whether true or false.		(05)
	Habituation is the form of learning.		
(2)	Cercaria is the larval stage of tape wor	m.	
\$ 5 5 5 3)	Scabies is caused by bed bugs.		
4)	Earthworms are used as a fish baits.		
5 (5)	A1 milk is obtained from European broad	eeds like Holstein Friesian.	
O 1 D) Anon	ver in only one sentence.		(05)
/ _ / O / O   O / V / V / V	Define Altruism.		(05)
V. V. V. V. V. V. V.	What is allomothering?		
~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	What is mechanical vector?		
	What is propolis?		
( ) ( ( ) ( ) ( ( ) ( ) ( ) ( ) ( ) ( )	Define vermiculture.		
	, Define verificatione.		
7,97,67,07,67,67	12 12 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10		

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Q.2	A)	Describe social behaviour in primates.	(10)
	<b>A</b> \	OR	(10)
	A)	Describe imprinting and its types with suitable examples.	(10)
Q.2	B)	Explain <b>any two</b> of the following.  a) Territorial behaviour in animals. b) Instrumental learning in animals. c) Communication in ants. d) Batesian mimicry.	(10)
Q.3	A)	Describe life cycle of <i>Taenia solium</i> .	(10)
		OR	
	A)	Describe morphology, pathogenicity and control measures of bed bug.	(10)
Q.3	B)	Explain <b>any two</b> of the following.	(10)
		a) Pathogenicity and control measures with respect to Fasciola hepatica.	
		b) Morphology of head louse.	
		c) Mode of transmission and control measures of Anthrax.	
		d) Pathogenicity caused due to Entamoeba histolytica. Add a note on its treatment.	
Q.4	A)	Describe composition of milk.	(10)
		OR SEE SEE	
	A)	Describe different pests and enemies of honey bees.	(10)
Q.4	B)	Explain any two of the following.	(10)
		a) Disadvantages of traditional apiculture.	
		b) Demands for earthworms.	
		c) Pasteurization of milk.	
		d) Different species of earthworms used in vermiculture.	
Q.5	6	Write short notes on any four of the following.	(20)
	E L	a) Pavlov's experiment on classical conditioning	
2		b) Control measures and treatment of Taeniasis.	
900		c) Innate behaviour in animals	
V. 0		d) Types of hosts.	
6	DE C	e) Harvesting of worms in vermiculture	
300	300	f) Buffalo milk	
6,70			
T. A.			
30	The second	\$.\$`&\$`\$`\$`\$`\$\$\$\$\\$`	

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