		[Time: 3Hours]	Marks:
		Please check whether you have got the right question paper.	
	N.B:	1. All questions are compulsory.	19 3 3 3 V
		2. Figures to the right indicate full marks.	1,1,0,00
		3. Draw neat and labeled diagram wherever necessary.	
		4. Answer the questions in order.	
Q.1		Attempt any two:	20
	a.	Explain in detail the different levels of organization from cell to organism.	
	b.	Give an account of metamerism.	333
	c.	Describe the characteristic features of different phyla and classes of subkingdom Protozoa and name one example from each class.	
Q.2		Attempt any two:	20
	a.	Describe in detail the characteristic features of phylum Porifera and add a note on class Calcarea.	
	b.	Enlist the salient features of phylum Platyhelminthes and explain class Turbellaria with example.	<i>y</i> ′′
	c.	Give a detailed classification of phylum Cnidaria with examples from each class.	
		each class.	
Q.3		Attempt any two:	20
	a.	Classify phylum Annelida with salient features and description of one example from each class.	
	b.	Give a detailed account of class Gastropoda and class Pelecypoda and describe one example from each.	
	c.	Describe the example of class Chilopoda and class Diplopoda of phylur Arthropoda with salient features of both classes.	n
Q.4	100 CO	Attempt any two:	20
_	a.	Describe the general characters, classification, habitat and habit of Sepid	a.
	b.	Give an account of digestive system of Sepia with neat labeled diagram	
\$3.55 \$0.75	8° C. C	Explain the respiratory and excretory systems of Sepia.	
Q.5		Attempt any four:	20
	a.	Define coelom and explain its formation by different methods.	
	5 b. C	Describe Miracidium and Redia larvae of liver fluke.	
) c.,	Write a note on Taenia solium.	
	\d.	Describe class Holothuroidea with example.	
	e, ,	Describe <i>Peripatus</i> and explain it as a connecting link.	
66	f.	Explain the female reproductive system of <i>Sepia</i> .	

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