

SEAT No. \_\_\_\_\_

No. of Printed Pages : 2

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SARDAR PATEL UNIVERSITY,

T.Y.B.Sc.(FIFTH SEMESTER) EXAMINATION,

2020

Thursday, 24<sup>th</sup> December.

2:00 P.M. TO 4:00 P.M.

US05CZOO 01 - (Invertebrate)

Total marks :70

Q-1	CHOOSE CORRECT ANSWER.	10
1	The science deals with classification is called as : a. Classificology b. Physiology c. Paedology d. Taxonomy.	
2	In Paramoecium _____ nucleus are present. : a. One b. Two c. Three d. Four.	
3	Autogamy is _____ type of reproduction . a. Asexual b. Sexual c. Parthenogenetic d.All of these.	
4	Gametes in Porifera are produced in _____ a. Ectoderm b. Gastroderm c. Mesogloea. D. None.	
5	The skeleton of solitary coral is called as : a. Reefs b. Corallite c. Cortex d. Coralstone	
6	Ascaris body is coverd by _____ on outside. a. Cuticle. B. Phospholipid c. Calcium d. Lipid	
7	Nephridia are _____ organs. a. Reproductive b. Excretory c. Digestive d. Nutritive.	
8	Trochophore is the larva of : a. Scorpion b. Star fish c. Clam worm d. Leech.	
9	_____ is the larva of crustacean. a. Trochophore b. Zoea c. Bipinnaria d. Brachiolarva	
10	Locomotion in Star fish performed by : a. Water vascular system. B. Legs c. Parapodia d. Cilia	
Q-2	_____ is known as Father of Taxonomy.	08
2	Digestion in Protozoa is _____.	
3	Scorpion belongs to _____ Phylum.	
4	Racemose glands in Star fish are also called as _____	
5	Paramoecium moves by means of Flagela. TRUE or FALSE ?	
6	Sponges are diploblastic . - TRUE or FALSE ?	
7	Metamerism relates with Arthropoda . - TRUE or FALSE.	
8	Limulus and King crab are same animal. TRUE or FALSE ?	

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<b>Q-3</b>		<b>ANSWER IN SHORT. (Any ten )</b>	<b>20</b>
	1	Expalin : Circumvallation.	
	2	Write about Binomial Nomenclature method.	
	3	Write about Coral reefs.	
	4	Explain digestion in Protozoa.	
	5	Draw labelled diagram of Sea-anemone.	
	6	Explain briefly annelidan Nephridia.	
	7	What are the tube-feets?	
	8	Write habits and habitat of Sepia.	
	9	Draw neat and labelled diagram of Trochophore larva.	
	10	Define : Polymorphism.	
	11	Write about importance of cuticular layer in Ascaris.	
	12	What is Torsion ?	
<b>Q-4</b>		<b>ATTEMPT ANY FOUR.</b>	<b>32</b>
	1	Describe the external characters of Paramecium.	
	2	Describe locomotion in Paramecium.	
	3	Explain : Reproduction in Porifera.	
	4	Write about skeleton of Sponges.	
	5	Explain : Female reproductive system of scorpion.	
	6	Write about digestive system and digestion in Ascaris.	
	7	Explain crustacean larvae.	
	8	Describe : Water vascular system of Star fish.	

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