



BRAINWARE UNIVERSITY

Term End Examination 2024-2025
Programme – B.Sc.(BT)-Hons-2022
Course Name – Animal Diversity I
Course Code - BBTD503A
(Semester V)

Full Marks : 60 Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

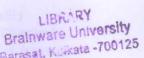
(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following:

(i)	Identify among the following, the meaning of Mollusca		
	a) Shell covered	b) Hard bodied	
	c) Soft bodied	d) None of these	
(ii)	Name the organ which helps in locomotion of Mollusca		
	a) Fins	b) Tail	
	c) Muscular foot	d) Legs	
(iiii)	Identify the annendage used for for	rward movement by Paramocium	

- (iii) Identify the appendage used for forward movement by Paramecium
 - a) Flagella b) Cilia c) Pseudopodia d) Cytoplasm
- (iv) Describe pseudopodia of protozoa in one word
 - a) Fingerlike
 b) Footlike
 c) Leglike
 d) Eyelike
- (v) Identify the correct combination in case of polymorphism in coelenterata
 - a) Sexual polyp and sexual medusa
 c) Asexual polyp and sexual medusa
 d) Sexual polyp and asexual medusa
- (vi) Identify the best option for dactylozooids
- a) Feeding zooids
 c) Reproductive zooids
 d) None of these
 (vii) Identify the parasite which is known as human beef tapeworm
- a) Taenia solium
 b) Taenia saginata
 c) Liver fluke
 d) Bllod flukes
- (viii) Choose the correct phylum for the organisms who have elongated and segmented body



	a) Porifera	b) Annelida garasat, Kowata - 100 12	
	c) Ptlatyhelmenthes	d) Protozoa	
(ix)	Choose the organism group which produce	es a small peptide acting as anti-coagulant	
	a) Protozoa	b) Hirudinea	
	c) Polpys	d) Earthworms	
(x)	Predict the nature of cuticle in annelida		
	a) Made of alpha chitin and rigid	b) Made of alpha and flexible	
	c) Made of collagen and rigid	d) Made of collagen and flexible	
(xi)	Vermicomposting is the process to convert		
	compost. Identify the phylum capable of d		
	a) Arthropoda	b) Annelida	
	c) Porifera	d) Aves	
(xii)	Identify the function of royal jelly		
	a) Helps queen bee produce males	b) Helps normal egg produce new queer	hee
	c) Helps produce drones	d) Helps produce honey	1 DCC
(xiii)	Identify the juvenile insect which is similar		
,	a) Larvae	b) Pupa	
	c) Nymph	d) Cocoon	
(viv)		and shell 180° with respect to the head and foot	
(×1∨)	of the gastropod is a peculiar property of t	the group. Select the appropriate term for the	
	phenomenon.		
	a) Tension	b) Rotation	
4	c) Torsion	d) Torque	
(xv)	A love dart is a sharp, calcareous or chiting and slugs create. Explain the purpose of the	ous dart which some hermaphroditic land snails ne dart.	
	a) Mating	b) Courting	
	c) Sperm transfer	d) Fertilization	
		Group-B	
	(Short An	swer Type Questions)	3 x 5=15
	(2000)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	No.
2 5	stablish the importance of coral reefs		(3)
	stablish the importance of coral reefs.		(3)
200	escribe locomotion in protozoa.		(3)
	xplain canal system of porifera.		(3)
	nalyze the importance of bees.		(3)
		OR	till (a
Ev	valuate vermicomposting.		(3)
		Group-C	
	(Long Ans	swer Type Questions)	5 x 6=30
7.	Describe life cycle of plasmodium with diag	ram	(5)
	Explain different types of symmetries with a		(5)
	Justify balanoglossus as evolutionary link.	Alexander of cutting	(5)
	Compare centipede and millipede.		(5)
		example of silkworm with well labelled diagram.	(5)
	Explain the formation of shells in mollusca.	of white products of with all thallands to it, may it is	(5)

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