## LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

## B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY FIRST SEMESTER – NOVEMBER 2022

## UAZ 1505 - INVERTEBRATA - II

Date: 03-12-2022	Dept. No.	Max.: 100 Marks

Time: 01:00 PM - 04:00 PM

	SECTION A			
Ans	swer ALL the Questions			
1.	Definitions	(5 x	$(5 \times 1 = 5)$	
a)	Malacostraca	K1	CO1	
b)	Epitaenia	K1	CO1	
c)	Aristotle's lantern.	K1	CO1	
d)	Lymphatic filariasis.	K1	CO1	
e)	Pest	K1	CO1	
2.	Fill in the blanks	(5 x	1 = 5)	
a)	Petasma is a membranous modified endopodite present in appendage	K1	CO1	
b)	The mantle of <i>Pila</i> also referred as	K1	CO1	
c)	An example for class Ophiuroidea is	K1	CO1	
d)	Mouth parts of bed bug is	K1	CO	
e)	The function of Malpighian tubule is	K1	CO	
3.	Match the following	(5 x	$(5 \times 1 = 5)$	
a)	Book Lungs - Asterias	K2	CO1	
b)	Pulmonary sac - Periplaneta	K2	CO1	
c)	Tracheae - Penaeus	K2	CO1	
d)	Branchiostigite - Arachnida	K2	CO	
e)	Dermal Papillae - Pila	K2	CO	
4.	True or False	(5 x	x 1 = 5	
a)	Nauplius stage represents the ancestral form of crustaceans	K2	CO	
b)	Bipectinate gills present in <i>Pila</i> for respiration.	K2	CO	
c)	Pedicellaria are seen in Asterias	K2	СО	
d)	Organ of Bojanus is the reproductive system of cockroach.	K2	СО	
e)	Silverfish have a preference for starchy materials such as paper and wood as their primary food source.	K2	СО	

(2 x 1 K3 K3 K3 K3	0 = 20) CO2 CO2	
K3 K3	CO2	
K3		
	CO2	
K3	1	
<u> </u>	CO2	
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(2 x 1	$(2 \times 10 = 20)$	
K4	CO3	
	<u></u>	
(1 x 2	$(1 \times 20 = 20)$	
K5	CO4	
ous K5	CO4	
(1 x 2	$(1 \times 20 = 20)$	
K6	CO5	
K6	CO5	
	(1 x 2 K6	

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