ZOOLOGY Paper-II

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[Biodiversity & Ecology-II (ZOO-202)]

Time: 3 Hours	Max. Marks: 36
Note: Attempt five questions in all. Question No.	1 is compulsory and for
the rest, select <i>one</i> question from each Unit.	Super from Mil
1. Write briefly on the following:	Great with their
(a) Competitive excusion principle	an agril a Mall
(b) Ammensalism	eds one toxicable i
(c) Climax communities	eart,
(d) Biomagnification	the count of the
(e) Global warming	er Coment in
(f) Ospharidium	A bedver (do d
(g) Pedicellariae	Not took of the state of the
(h) Proboscis of Balanoglossus	8×1=8
Unit-I	th 25 mg
2. With the help of a labelled diagram, give an a	ccount of nervous system
of Pila	
3. (a) Classify upto order and write an ecologica	I note of the the following:
(i) Nautilus	e. 'et V ber es 'R
(ii) Sepia	an termina i uni
(iii) Octopus	end unique season se
(iv) Chiton	
(b) Draw a labelled diagram of alimentary ca	inal of Pila. 4,3
Unit-II	
4. (a) Give an account of external characters of	f Balanoglosus.
d > David labelled diagram of Water vascul	al system of Asierius. 4,5
5. Describe different types of larvae found in	echinoderms. 7
Unit-III	The state of the s
6. How does mutualism differ from comme	nsalism? Giving suitable
6. How does mutualism unter from comments	. 7
examples, describe mutualism. 7. What is ecological niche? Give an account	of hypervolume niche. 7
7. What is ecological niche? Give an account	The first of the production of

Unit-IV

- 8. Give the causes, impact and control of water pollution.
- 9. Write on the following:

- (a) Renewable natural resources.
- (b) Control of air pollution

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