M.Sc. (Zoology) Third Semester Old

MSC12-4 / ZOO-12 - Special Group-Environmental Biology-II Adaptations, Population Dynamics, and Animal Behaviour Paper-XII

	ages: 1 e: Three Hours	* 1 8 2 0 *	GUG/W/18/2326 Max. Marks: 80
	2. All q	nestions are compulsory. nestions carry equal marks. rate your answer with suitable figures.	
1.	Describe the a	daptations of animals with reference to temperature a	nd light. 16
		OR	
2.	Write notes or a) Thermore b) Biolumin Give an accou	egulation.	16
		OR	
3.	Describe the pattern of population distribution and population growth and density relationship.		th and density 16
		OR	
	Write notes or a) Mutualist b) Prey and		
4.	Give an accou	nt of Innate behavior.	16
		OR	
	Write notes or a) Genetic a b) Aggregat	spects of behavior.	
5.	Attempt the following-		16
	a) Osmoreg	ulation.	
	b) Batesian	mimicry	
	c) Barriers of	of dispersal	
	d) Advantag	es of social behavior	
