

### www.FirstRanker.com

# www.FirstRanker\_com

(Contd.)

## B.Sc. (Part-I) Semester-II Examination

### 2S-ZOOLOGY

### (Cell and Developmental Biology)

Time: T	hree	Hours]			[Maximum Marks: 80	
Note :-	(1)	ALL	ALL questions are compulsory.			
	(2) Question No. 1 carries 8 marks and ren			rema	aining six questions carry 12 marks each.	
	(3)	Illust	rate your answers with suitable	diag	rams wherever necessary.	
1. (A)	Fill in the blanks:					
	(i) The prokaryotic ribosomes are					
	(ii) Lysosomes are also called as bags.				- bags.	
	(iii) Division of cytoplasm is known as					
	(iv)	Lam	pbrush chromosomes occurs in	2		
(B)	) Choose correct alternative from the following:					
	(v) Ingestion of liquid particles by a cell is called as:				s called as:	
		(a)	Phagocytosis	(b)	Pinocytosis	
		(c)	Lysis	(d)	None of the above	
	(vi) Who discovered ribosome in animal cells ?				ells ?	
		(a)	Watson	(b)	Tatum	
		(c)	Cowdy	(d)	Palade	
	(vii) The tip of a chromosome is called:					
		(a)	Metamere	(b)	Chromomere	
		(c)	Micromere	(d)	Telomere	
	(viii) In adult which cell is used as stem cells?					
		(a)	Bone marrow cells	(b)	Embryonic cell	
		(c)	Muscle cell	(d)	None of the above 2	
(C)	) Answer in one sentence :					
	(ix) What is cell division?					
	(x) Who discovered lysosome ?					
	(xi) What is spermatogenesis?					
	(xii) Who discovered Cell ?			4		

<del>YBC -15240</del> 2 525