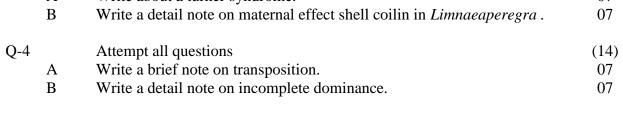
Envallment	No:	Exam Seat No:		
Em omnem		UNIVERSITY		
		mination-2022		
	Willer Exa	IIIIIIauvii-2022		
Subject Nar	ne : Discipline Specific Elective	e-I (Inheritance Biology)		
Subject Code: 4SC05INB1		Branch: B.Sc. (Microbiology)		
Semester: 5	Date: 23/11/2022	Time: 02:30 To 05:30	Marks: 70	
(2) Instr (3) Drav			rohibited.	
Q-1	Attempt the following question	ons:	(14)	
b) c) d) e) f) g) h) i) j) k)	Define a recombination. Crossing over occurs in which a Define a transposon. What is a turner syndrome. Define: Gene mapping What is the best example of co- Define an Extra- chromosomal What is a segregation.) Who is the father of inheritance	stage of meiosis? -dominance? inheritance.		
Attempt any	y four questions from Q-2 to Q-	-8		
Q-2 A B	Attempt all questions Write a brief note on compleme Write about an infectious hered	entation test . lity kappa particle in paramecium.	(14) 07 07	
Q-3 A	Attempt all questions Write about a turner syndrome.		(14) 07	





Q-5		Attempt all questions	(14)
	A	Write a note on co-dominance with example.	07
	В	Write about a deletion, duplication, inversion and translocation in DNA.	07
Q-6		Attempt all questions	(14)
	A	Write about a homologous and non-homologous recombination.	07
	В	Write a note on epistasis.	07
Q-7			(14)
		Write a detail note on linkage and crossing over.	
Q-8			(14)
		Write a detail note model's law of dominance, segregation and	
		independent assortment.	

