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NPTEL

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Courses » Computational Systems Biology

Announcements Course Ask a Question Progress Mentor FAQ

Unit 16 - Week 12

Course outline	Assignment 12	
	The due date for submitting this assignment has passed.	
How to access the portal	As per our records you have not submitted this assignment.	8-10-24, 23:59 IST.
Pre-requisite Assignment	1) Which of the following are true about neutral networks?	1 poin
MATI AD Assess	They are phenotypes sharing the same genotype	
MATLAB Access and Introduction	They have implications in robustness/evolvability	
	They denote genes with point mutations that have equivalent functions	
MATLAB Learning Modules	All of the above	
	No, the answer is incorrect.	
Week 1	Score: 0	
Week 2	Accepted Answers: They have implications in robustness/evolvability	
Week 3	They denote genes with point mutations that have equivalent functions	
	2) Match the following:	1 poir
Week 4	A. Genotype robustness (i) Numb	er of neutral
Week 5	neighbours averaged over all genotypes with a given phenotype P	
	B. Phenotype robustness (ii) 1-neig	hbourhood of all
Week 6	genotypes exhibiting the phenotype P	C 1:00
Week 7	C. Genotype evolvability (iii) Numphenotypes found in 1-neighbourhood of a genotype G	ber of different
		er of neutral
Week 8	neighbours of a genotype G	
Week 9	A - (ii), B - (i), C - (iii), D - (iv)	
Week 10	A - (iv), B - (iii), C - (i), D - (ii)	
Week 11	A - (iv), B - (i), C - (iii), D - (ii)	
	A - (ii), B - (iii), C - (i), D - (iv)	

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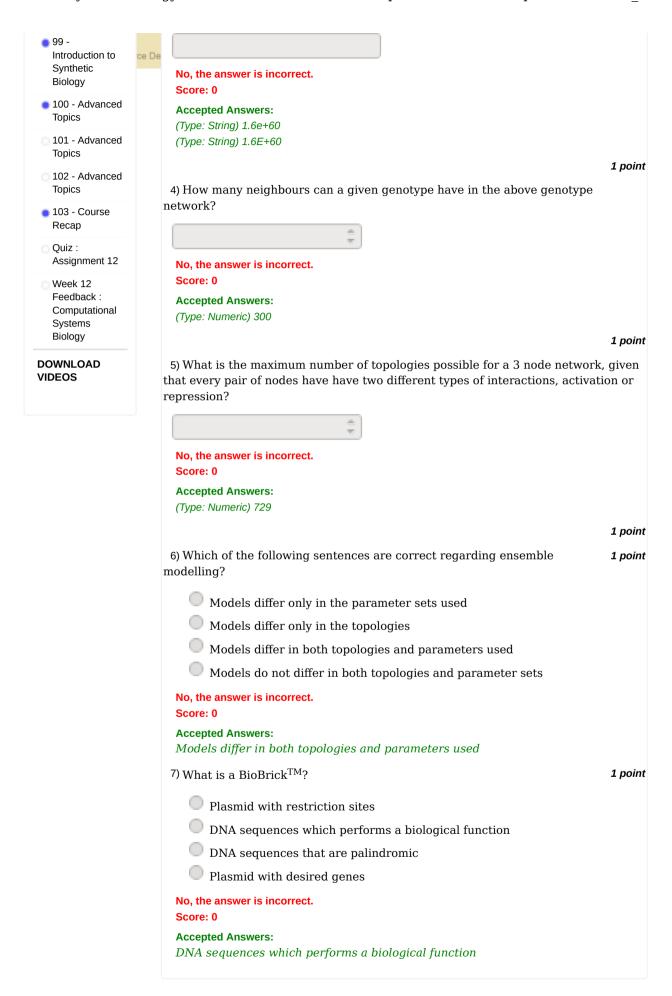
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