

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: BTECH
BRANCH: Biotechnology

SEMESTER : V
SESSION : MO/2025

SUBJECT: BE329 PERL & BIOPERL PROGRAMMING

TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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Q.1(a) What is OS?	[2]	CO2	BL
Q.1(b) Describe the Unix architecture.	[3]	CO3	
Q.2(a) What do you mean by root and directory?	[2]	CO2	
Q.2(b) What the following command mean: mkdir, grep, cp	[3]	CO4	
Q.3(a) What is the difference between push and shift function?	[2]	CO2	
Q.3(b) How foreach loop is helpful for printing key of a hash table?	[3]	CO3	
Q.4(a) How to reverse a list and print it?	[2]	CO2	
Q.4(b) Create a table to submit 5 gene names and its corresponding sequence.	[3]	CO4	
Q.5(a) What is global and local variable?	[2]	CO3	
Q.5(b) What do you mean by 'passing arguments'? describe with example.	[3]	CO5	

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