Exam.Code:0044 Sub. Code: 1015

B.Sc. (Hons) Bio-Informatics Sixth Semester

BIN-6001: Introduction to Perl Programming

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		lowed: 3 Hours Max. Mark	s: 60
NO:	TE:	Attempt <u>five</u> questions in all, including Question No. I which is computed and selecting two questions from each Unit. x-x-x	ılsory
Q1.	a)	What is Perl and what is it commonly used for?	
3 11.	b)	Explain the difference between "my", "our", and "local" variable declarations.	
	c)	What is the purpose of the "strict" pragma?	
	d)	Explain the difference between "foreach" and "for" loops.	
	c)	How exceptions are handled in Perl?	
	f)	Explain the steps to read input from the command line?	
	g)	What is the difference between the "chomp" and "chop" functions in Perl's input	
		operations?	
	h)	List the steps to extract form data from the query string in a Perl CGI script.	12
		<u>UNIT - I</u>	
Q2.	a)	Java, PHP, C, and Python and how these differences impact their respective use cases and applications	×
	b)	Explain the significance of the special variable \$\ in Post's in post's in the significance of the special variable \$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
		Describe the difference between the "print" and "say" functions in Perl.	12
Q3.	a)	they used in list processing?	
	b)	Write a program to remove elements from an array in Perl.	12
Q4.	Ex	plain with example, the use of the following functions uc(), substr(), grep(), sleep(), ists() and delete() in Perl.	12
		<u>UNIT - II</u>	
Q5.	a)	Discuss the advantages and disadvantages of using regular expressions for pattern matching in Perl.	
	b)	Write a program to extract email and	12
	,	Write a program to extract email addresses from the given text.	
Q6.	a)	Describe the significance of "filehandles" in file handling operations. Also explain the	
1	d	process to handle errors that may occur during file operations. Also explain the Write a program to the following operations?	
	b)		
		(1) Open a file for reading and print it.	
		(ii) Open a life for writing and write data.	12
		(iii) to append data to an existing file:	
Q7.	a)	Explain the TCP/RP	
	ь)	Explain the TCP/IP protocol stack and its layers. What is the purpose of the CCI module in P. I. I have in the control of the	
	•	What is the purpose of the CGI module in Perl and how is it used to process form data? Also, explain the significance of the param () function in Perl CGI programming.	12