UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, May 2021

Course: Advanced Scripting (REXX)   Semester: VI
Programme: B.Tech (CSE-Mainframe Technology)   Time: 03 hrs.
Course Code: CSMT 3004   Max. Marks: 100

SECTION A

1. Each Question will carry 5 Marks.
2. Instruction: Complete the statement / Select the correct answer(s).

S. No.		CO
Q 1	In REXX programming, the long instructions may be continued onto multiple lines by using _____. a) Comma (,) b) Semicolon (;) c) & d) $	CO1

Q 2	Suppose a program is written by a programmer as follows:
	 /*REXX*/
	 A=10
	 B=20
	 CALL SUM1 A,B
	 SAY A B D
	 SAY RESULT
	 RETURN
	 SUM1:
	     PROCEDURE EXPOSE A B
	     ARG E, F
	     SAY A
	     A=30
	     D=A+F
	     RETURN D
	
	 The output of the above-mentioned REXX program is:
	 a) 10
	    30 20 D
	    50
	 b) 10
	    30 20 50
	    50
	 c) A
	    30 20 D
	    50
	 d) None of the mentioned
		CO1

Q 3	Suppose a program is written by a programmer as follows: */*REXX*/* *SAY DIGITS()* *SAY 100/3* *NUMERIC DIGITS 1* *SAY 100/3* *RETURN* The output of the above-mentioned REXX program is: a) 9 33.3333333 3E+1 b) 9 33.3 30 c) 9 33.333333 30 d) 9 33.3 3	CO2
Q 4	The _____ routine is used to add, remove, update and query entries in host command environment. a) IRXJCL b) IEFBR14 c) IRXSUBCM d) IEBGENER	CO3
Q 5	During implicit execution of CLIST, Which libraries are searched first: a) User library b) Application library c) System library Incorrect d) None of the mentioned	CO4
Q 6	If no MAKEBUF command has been issued, then the QBUF command will return ___ in the RC variable. a) 1 b) 2 c) 0 d) Error	CO5

SECTION B

1. Each question will carry 10 marks

2. Instruction: Write short/brief notes

Q 7	Differentiate between the following instructions with suitable examples: a) LEAVE and ITERATE b) RETURN and EXIT	CO1

Q 8	Explain the following parse instructions with suitable examples: PARSE VAR, PARSE VALUE, PARSE VERSION, PARSE SOURCE. Elaborate the significance of NUMERIC FUZZ instruction in REXX programming.	**CO2**
Q 9	State the role of DISKR and DISKW instructions in REXX programming. Prepare a REXX program to write 10 records from a compound variable to a PS.	**CO2**
Q 10	Differentiate among SIGNAL ON SYNTAX, SIGNAL ON NOVALUE, and SIGNAL ON HALT instructions. Support your answer with suitable examples.	**CO3**
Q 11	Create a panel to accept a number. Write a REXX program to display the factorial of the number (accepted through the panel) on the terminal. Also, elaborate the steps to display a panel using the dialog test facility.	**CO4**

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SECTION-C
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1. Each Question carries 20 Marks.
2. Instruction: Write long answer.

Q 12	Write the role of PUSH, QUEUE, and PULL instructions in the REXX stacks. Describe the characteristics of the data stack. Prepare REXX programs to demonstrate the following operations with examples: A. NEWSTACK B. DELSTACK C. QSTACK D. QUEUED() OR Identify the disadvantages of using data stack in REXX. Explain the types of inputs that may be placed in a data stack. Create a data stack to contrast on following operations with suitable examples: A. MAKEBUF B. QBUF C. DROPBUF D. QELEM	**CO5**