

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, April/May 2018

Course: Advance Scripting, REXX (CSIB 359)

Semester: VI

Program: B.Tech (CSE with specialization in Mainframe Technology)

Max. Marks: 100

Time: 03 hrs.

Instructions: All sections are compulsory. In section B, Question number 9 and 10 has internal choice to attempt. In section C, Question number 12 and 13 has internal choice to attempt.

SECTION A

S. No.		Marks	CO
Q 1	Describe the properties for a valid REXX variable name.	4	CO1
Q 2	Discuss built-in REXX string manipulation function COMPARE() with example and corresponding output.	4	CO1
Q 3	Identify the significance of PARSE VERSION and PARSE SOURCE instructions.	4	CO2
Q 4	Define the meaning of following formats used in the output of TRACE instruction: * *, +++ and >>>.	4	CO3
Q 5	Explain built-in function SYMBOL() used in REXX with suitable examples.	4	CO5

SECTION B

Q 6	Develop a REXX program to accept a number from terminal and check whether the given number is prime number or not, using DO UNTIL loop.	10	CO1
Q 7	Elaborate the header and format of entries in host command environment table.	10	CO3
Q 8	Explain the types of services provided by ISPF.	10	CO4
Q 9	Illustrate ALTLIB command with types of operands implemented with ALTLIB.	10	CO4
OR			
Q 10	Write and explain a code to create panel that will accept a number from user. Write the steps to display that panel using dialog test facility.	10	CO4

SECTION-C

Q 11	Explain the role of parsing in REXX. Create REXX programs for each of the following parsing keywords with explanation: A. PARSE ARG B. PARSE PULL C. PARSE VAR D. PARSE EXTERNAL	20	CO2
Q12	Describe characteristics of data stack. Prepare data stacks to demonstrate following operations with example: A. NEWSTACK B. DELSTACK C. QSTACK D. QUEUED()	20	CO5

	OR		
Q 13	Identify usage of data stack and its disadvantages in REXX. Construct a data stack to contrast on following operations with example: A. MAKEBUF B. QBUF C. DROPBUF D. QELEM	20	CO5

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