

HALL TICKET NUMBER

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PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE  
(AUTONOMOUS)

IV B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH-2023  
SCRIPTING LANGUAGES  
(CSIT Branch)

Time: 3 hours

Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)

**PART-A**Answer **all** the questions in Part-A (5X2=10M)

Q.No.	Questions	Marks	CO	KL
1.	a) What is Ruby on Rails?	[2M]	1	1
	b) Why Ruby is known as a language of flexibility?	[2M]	2	1
	c) List any four uses of Scripting Languages.	[2M]	3	1
	d) How is the interpreter used in Perl?	[2M]	4	1
	e) Name any four security issues in TCL.	[2M]	5	1

**PART-B**Answer **One Question from each UNIT** (5X10=50M)

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	a) Discuss about the Ruby on Rails features.	[5M]	1	6
	b) Write short notes on RUBYGEMS.	[5M]	1	1
OR				
3.	a) Explain the process of creating web services with Ruby on Rails?	[5M]	1	2
	b) Discuss about the structure and execution of Ruby program.	[5M]	1	6
UNIT-II				
4.	a) Write short notes on Embedding Ruby to Other Languages.	[5M]	2	1
	b) Discuss about the Ruby Type-checking system?	[5M]	2	6
OR				
5.	a) How do you solve the common Ruby memory issues?	[5M]	2	1
	b) Explain the Java scripting API with suitable example.	[5M]	2	2
UNIT-III				
6.	a) Discuss the need of Scripting today?	[5M]	3	6
	b) Write short notes on Web Scripting.	[5M]	3	1
OR				
7.	a) What are the characteristics of Scripting languages?	[5M]	3	1
	b) Explain the DML commands with suitable examples?	[5M]	3	2
UNIT-IV				
8.	a) Explain the Perl hashes with suitable example?	[5M]	4	2
	b) Discuss about the Perl arrays and lists.	[5M]	4	6
OR				
9.	a) Explain about the scalar expressions in Perl with example?	[5M]	4	2
	b) Write short notes on Perl packages.	[5M]	4	1
UNIT-V				
10.	a) What are the advantages of procedures?	[5M]	5	1
	b) Explain eval and uplevel commands in TCL script?	[5M]	5	2

OR					
11.		Discuss the Nuts and Bolts Internet Programming in detail.	[10M]	5	6

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