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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

M. Tech I Year II Semester (R16) Regular Examinations June 2017
SCRIPTING LANGUAGE FOR VLSI DESIGN AUTOMATION
(VLSI)

(For Students admitted in 2016 only)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 X 12 = 60 Marks)

UNIT-I

- 1 a Distinguish between PERL, VB script and JAVA script. 6M
b Discuss the limitations of CGI. 6M

OR

- 2 a Explain the features of Java Scripting Language with example. 6M
b Explain how PERL can be used on the web by using CGI programs. 6M

UNIT-II

- 3 What are the different types of operators used in PERL? Explain each one with example 12M

OR

- 4 Explain the following terms, with examples. 12M
(i) Hashes.
(ii) Complexities and
(iii) Verbs

UNIT-III

- 5 a Explain in general what is thread, and how they used in scripting language? 6M
b If a PERL program contains a sub routine explain how it is invoked, using an example 6M

OR

- 6 Explain the following with example. 12M
(a) The life cycle of a PERL program.
(b) Pipes in PERL.

UNIT-IV

- 7 a Mention the PERL debugger commands and explain about them. . 6M
b Explain the sorting techniques used in PERL. 6M

OR

- 8 a How a PERL interpreter can be added to a C-program? Explain 6M
b Giving Examples explain about tying scalars, Tying Arrays, Tying Hashes Pertaining to PERL 6M

UNIT-V

- 9 What are the different types of statements in PERL language? How are they classified? 12M
Explain with example.

OR

- 10 Write notes on any TWO a). CGI b). VB Script c). Arrow operator. 12M

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