

Code No: R22056

R10**SET - 1****II B. Tech II Semester Supplementary Examinations, November-2017****PRINCIPLES OF PROGRAMMING LANGUAGE**

(Com. to CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any **FIVE** QuestionsAll Questions carry **Equal** Marks

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1. a) Explain the areas of computer applications and their associated languages.  
b) What are the advantages of implementing a language with a pure interpreter?
2. a) Explain about scope rules?  
b) What is the general problem with static scoping.
3. a) List the differences between an intrinsic attribute and a non-intrinsic synthesized attribute.  
b) Explain the syntax graph and EBNF descriptions of the Ada if statement.
4. Explain about structured and unstructured control flow?
5. What are the design issues for arrays?
6. a) Discuss parameter passing methods.  
b) Explain scope and lifetime of variables.
7. Explain about inheritance in c++ and java?
8. a) What are the two forms of DEFINE? Explain.  
b) Mention the key concepts of scripting languages