

CS-602

B.E. VI Semester

Examination, June 2017

Principles of Programming Languages

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
 ii) All questions carry equal marks.

1. Explain the different language paradigms with suitable example.
2. Explain the features of Object Oriented Programming.
3. Explain in detail about the various iterative statements and their design issues.
4. What are the arrays and variant records? How they differ from the conventional array and records?
5. Distinguish between pass by value and pass by reference.
6. Discuss the design issues for function overloaded operators.

7. Explain the various message passing mechanism.

8. Answer any four of the following:

- a) Explain the stages of compiling a program.
- b) Distinguish between If-else structure and 'switch statement.
- c) Differentiate between actual parameter and formal parameter.
- d) What is Garbage? Explain Garbage collection.
- e) What are fact statements?
- f) Explain the basic elements of prolog.
