

Programming Languages
(CSE-204-E, MAY-2006)

Note: Attempt five questions in all, at least one from each part.

PART-1

1. a) Explain the attributes of a good language.
b) What do you mean by a data type? Explain its basic elements of specification.
2. a) What are the general problems of describing Syntax?
b) Explain the basic purposes for declaration.

PART-2

3. a) Explain the attributes, implementation and operations on Vectors.
b) Explain the specification, Implementation of multidimensional Array.
4. a) Explain Abstract Data type in detail.
b) Explain file in detail.

PART-3

5. a) What do you mean by parameters? Explain the different parameter transmission schemes.
6. a) What do you mean by Referencing Environments?
b) Explain the mechanism for controlling the sequencing between two subprograms.

PART-4

7. a) Explain the stack based storage management.
b) Explain the heap storage management for fixed size elements.
8. a) What do you mean by Procedural Languages?
b) Explain the comparison between C and C++.

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