

R15

Code No: 124DJ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, November/December - 2020

PRINCIPLES OF PROGRAMMING LANGUAGES

(Information Technology)

Time: 2 hours

Max. Marks: 75

Answer any five questions

All questions carry equal marks

1. Explain about attribute grammar and ambiguous grammar with an example. [15]
2. Explain binding and reference types with an example. [15]
3. Explain about overloaded subprograms with an example. [15]
4. Explain about exception handling in Ada with a suitable example. [15]
5. Explain about functional programming language. [15]
6. Explain about denotational and axiomatic semantics for common programming language. [15]
7. Mention and explain about various expressions with a suitable example for each. [15]
- 8.a) Explain about design issues of functions.
b) Explain about coroutines. [8+7]

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