# IE305: PRINCIPLES OF PROGRAMMING LANGAUGES
## Minor - I

Duration: 1 hr Total Marks: 10 Marks

**ANSWER ANY TWO QUESTIONS**

1. **(5 Marks)** What are the four binding times? What are the binding times for the following?

   (a) *Keywords* with their meanings
   (b) Variable to its value
   (c) Pointer to its *legal values*
   (d) Operator to its meaning

2. **(5 Marks)** Choose any one language from Java, C and Python. For the chosen language, identify three objectives and then give examples of features in the language that are directly a result of achieving the stated objectives.

3. **(5 Marks)** What will be the result of the following changes to binding times?

   (a) Variable to its name at runtime
   (b) Variable to its type at language implementation time
   (c) Variable type to its legal values at language implementation time

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