Total No. of Questions : 6]

P50

SEAT No. :

[Total No. of Pages : 2

TE/INSEM/APR-55 T.E. (I.T.) (Semester - II) **314451: SYSTEMS PROGRAMMING** (2015 Pattern)

Time : 1 Hour] Instructions to the condidates: [Max. Marks : 30

- Solve Q.1, or Q.2, Q.3, or Q.4, Q.5 or Q.6. 1)
- 2) Figures to the right indicate full marks.
- Neat diagrams must be drawn wherever necessary. 3)
- Assume suitable data, if necessary. **4**)

Define Language processing. Explain different phases of a language *Q1*) a) processor. [4]

- What feature of assembler makes it mandatory to design a two pass b) assembler? Explain with the help of an example. [6]
- Enlist different types of errors that are handled by Pass I and Pass II of *Q2*) a) Two Pass assembler. [4]
 - works Explain with different tables how single pass assembler works for b) following assembly code

START 200 READ N MOVER AREG, N L1 ADD AREG ,='1' BC GT, L1 **STOP** Ν **DS** 1 END

P.T.O.



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