

BE(IT) 2012 pattern Solution for Set 2.
Elective II : Natural Language Processing

Insem 2015-2016

Marks : 30

BE / Insem.-72

Time: 1 hr.

Q1 a) Each NLP applications with proper justification
- 1 Mark each Total: 5 Mks

b). Elements of NP - 3 Mks

Example - 2 Mks.

OR

Q2 a). Diagram with all levels - 3 Mks

Explanation - 4 Mks

Examples - 3 Mks

Q3 a) Differences between top-down depth first &
breadth first - 3 Mks

Example - 2 Mks.

b) Reformulating rules - 2 Mks

Example - 3 Mks

OR

Q4 a) Bottom-up parsing algorithm - 3 Mks

Example - 2 Mks.

b). Explanation of and features of Stanford parser
- 5 Mks

OR

Q5 a) Explanation of augmented grammar - 3 Mks

Use in NLP - 2 Mks.

b) Basic feature systems in English - 3 Mks.

Example - 2 Mks.

(PTO).

- Q 6. a) Parse tree Diagram - 5 Mks
Algorithm Explanation - 5 Mks.

BE/Insem. - 72