(2)

3. Write short notes on any *two* of the following :   5x2

   (a) Limitations of recall and precision

   (b) Complexities of web IR

   (c) Expert Systems

   (d) Parsing

—— X ——

**MASTER OF LIBRARY & INFORMATION SCIENCE
(DIGITAL LIBRARY) EXAMINATION, 2018**

(4th Semester)

Information Retrieval in Digital Environment

Paper - MLDL - 5.4

Time : Two hours   Full Marks : 40

Answer *all* questions.

1A. What is meant by evaluation of an IR System? What purpose does it serve? Discuss the parameters to be used for evaluation of an IR System.   2+3+10

OR

1B. Discuss the use of traditional vocabulary control devices in organization and retrieval of internet resources.   15

2A. Explain the following formula with suitable examples :

Q = {S, NP, N, VP, V, ART}

Discuss different levels by which natural language can be classified. Describe "Transition Network" with examples.   5+5+5

OR

2B. Explain the term 'Artificial Intelligence'. What are the fundamental problems of AI? Briefly discuss some of the applications of AI.   4+6+5

(Turn Over)