

(2)

Ex./MLDL/5.4/22/2017

2B. Explain the concepts 'intelligence' and 'artificial intelligence'. State your idea about the disciplinary boundary of 'artificial intelligence'. Discuss problems associated with representing knowledge in such type of systems. 4+5+6

3. Write short notes on any **two** of the following : 5x2
- (a) Heuristics
 - (b) Level of natural language
 - (c) Significance of Cranfield experiments
 - (d) Taxonomy

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MASTER OF LIBRARY & INFORMATION SCIENCE
(DIGITAL LIBRARY) EXAMINATION, 2017
(4th Semester)
Information Retrieval in Digital Environment
Paper : MLDL - 5.4

Time : Two hours

Full Marks : 40

Answer **all** questions.

1A. What do you mean by Recall and Precision ? How can the performance of an IR System be measured by them. State the limitations of Recall and Precision for such purpose. 2+8+5

OR

1B. Discuss how the Web IR is significantly different from traditional Text Retrieval Systems. 15

2A. What is meant by 'Natural Language Processing' ? Why it is difficult by a machine to comprehend natural language? Discuss any one of the methodologies by which machine can understand natural language. 4+5+6

OR

(Turn over)