

**POST-GRADUATE COURSE**  
**Term End Examination – Dec., 2014 / June, 2015**  
**MASTER OF LIBRARY AND**  
**INFORMATION SCIENCE**

**Paper-III : Information Processing and Retrieval**  
**Time : 4 Hours** **Full Marks : 100**

( Weightage of Marks : 80% )

*Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.*

**GROUP – A**

Answer any **two** of the following questions :

18 × 2 = 36

1. Discuss the structure and features of UDC Medium Edition, mentioning its management, revision and new changes incorporated in this edition. 18
2. What do you understand by a 'Switching Language' ? Do you consider B.S.O as a Switching Language ? Write what you know about the Facet Structure, Notation and Index of B.S.O. 2 + 1 + 5 + 5 + 5
3. What is meant by 'Bibliographic Data' ? What are the significance and utility of data elements ? —Discuss according Ronald Haggler's views. What are the difficulties in defining 'Intellectual Responsibility' ? 3 + 6 + 9
4. What do you understand by 'Metadata' ? Discuss the different types of Metadata. Give two examples of Metadata Standards with a brief description. Discuss the advantages of using Metadata. 2 + 4 + 6 + 6

**GROUP – B**

Answer any **three** of the following questions :

12 × 3 = 36

5. Discuss Preserved Context Indexing Systems with proper examples. A table of role operators is attached herewith (Page 3). 12
6. Compare Natural Language and Controlled Vocabulary. 12
7. Write what you know about physical description of Non-Print Materials. 12
8. Write an essay on ISBD for monographic publications. 12
9. Describe the theories of index terminology as enunciated by Fredrick Jonker and Lawrence Heilprin. 6 + 6
10. What do you mean by 'hyper-structure environment' ? Write a brief note on KWIC indexing. 6 + 6

**GROUP – C**

Write short notes on any **four** of the following :

7 × 4 = 28

11. Gerard Salton.
12. The London Education Classification (LEC).
13. Test.
14. Common Communication Format (CCF)
15. Universal Bibliographic Control (UBC).
16. Paradigmatic and Syntagmatic relations.
17. Bibliographic Classification.
18. ISBN.

**Table of Role Operators**

<b>Primary codes</b>	
Theme Interlinks	\$x 1st concept in co-ordinate theme
	\$y 2nd/subsequent concept in co-ordinate theme
	\$z Common concept
Term codes	\$a Common noun
	\$c Proper name ( class-of-one )
	\$d Place name
<b>Secondary codes</b>	
Differences	
Preceding differences ( 3 characters )	1st and 2nd characters : \$0 Non-lead, space generating \$1 Non-lead, close-up \$2 Lead, space generating \$3 Lead, close-up 3rd character = number in the range 1 to 9 indicating level of difference
Date as a difference	\$d
Parenthetical difference	\$n Non-lead parenthetical difference
	\$o Lead parenthetical difference
Connectives	\$v Downward-reading connective
	\$w Upward-reading connective
<b>Typographic codes</b>	
\$e Non-filing part in italic preceded by comma	
\$f Filing part in italic preceded by comma	
\$g Filing part in roman, no preceding punctuation	
\$h Filing part in italic preceded by full point	
\$i Filing part in italic, no preceding punctuation	