QP Code: PT/13/III
(NEW/OLD)

POST-GRADUATE COURSE

Term End Examination – June, 2019

MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-III : Information Processing and Retrieval

(New : From July 2016 Enrolment Session

Old : Up to July 2015 Enrolment Session.)

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. What is meant by Thesaurus ? What are its functions ? Explain the various kinds of relationships between terms that are displayed in a thesaurus. 2 + 4 + 12

2. Describe salient principles of POPSI. Explain with a suitable example the different steps to be followed in the generation of index entries in POPSI. You may consult the POPSI table given in Annexure-I at the end. 8 + 10

3. Elucidate the changes incorporated in CC7. What are the major impediments in its use in libraries ? 14 + 4

4. What do you understand by evaluation of information retrieval systems ? Describe the features and findings of Cranfield II test. What criticisms were levelled against it ? 2 + 10 + 6

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. What are the principles behind KWIC indexing ? Show the structure and format of KWIC index entries. 4 + 8

6. What is meant by bibliographic control ? What are its functions ? Mention the importance of uniformity and standardization of bibliographic records. 2 + 6 + 4

7. What do you mean by organisation of recorded information ? Briefly narrate the major activities involved in organisation of information. 4 + 8

8. 'Matching is the foundation of all information retrieval models.' Explain. Briefly write on 'term matching'. 4 + 8

9. What do you mean by metadata ? What purposes do it serve ? Describe Dublin core Metadata Schema. 2 + 4 + 6

10. Make a comparison between classification schemes, subject heading lists, and thesauri. 12

GROUP – C

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

$7 \times 4 = 28$

11. Explain the syndetic devices used in indexing languages.

12. Define and differentiate between automatic indexing and automated indexing.

13. Why relevance feedback techniques are useful in information retrieval ?

14. Write a note on the STAIRS evaluation project.

15. Narrate aims and activities of the ISDS.

16. What are the different types of special classification schemes ? Illustrate each with suitable examples.

17. Briefly write on the management, revision and use of UDC.

18. Describe the physical description of cartographic materials and electronic resources with examples.

Annexure - I
(POPSI Table)

0	Form modifier
1	General treatment
2	Phase relation
	2.1 General
	2.2 Bias
	2.3 Comparison
	2.4 Similarity
	2.5 Difference
	2.6 Application
	2.7 Influence
	Common modifiers
3	Time
4	Environment
5	Place

6 Entity
7 Discipline
← .1 Action
.2 Property
← , Part
, Species/ Type
– Special modifier

Note : As .1 and .2 are dependent ECs, these are to be preceded by the notations for the ECs to which these are dependent.

8 Core
9 Base
← Features analogous to 6/7