

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Fourth Semester MLIS.c Degree Examination, March 2018
LIS4C15 – Information Processing and Retrieval
(2016 Admission onwards)

Max. Time: 3 hours

Max. weightage 36

I. Answer ALL the following short answer questions.

1. Define information retrieval.
2. Mention the purposes of indexing.
3. What is meant by stop words?
4. What is fall out?
5. Define inverted index.
6. Bring out the basic difference between KWIC and KWOC.
7. List out any four citation indexes.
8. What is classaurus?
9. Give the expansion of PRECIS and POPSI.
10. What is the basic difference between recall and precision?
11. Mention the main function of role operators in PRECIS.
12. Define controlled vocabulary.
13. Mention any four tools used for vocabulary control.
14. The Aslib-Cranfield studies were conducted by whom, when and where?

(14 x 1 = 14 weightage)

II. Answer any SEVEN questions, in two or three paragraphs each.

15. Functions of an information retrieval system
16. Shannon and Weaver model
17. Strengths and weaknesses of Boolean search
18. Vector space model
19. Post co-ordinate indexing system
20. Automatic indexing
21. Citation indexing
22. Hierarchical relation
23. Steps in thesaurus construction
24. TREC

(7 x 2 = 14 weightage)

III. Answer any TWO essays (each in about 1000 words).

25. Discuss the components of an ideal information retrieval system by giving a diagrammatic representation of a general model.
26. Discuss the steps involved in the construction of a thesaurus.
27. Examine the criteria used for the evaluation of an information retrieval system.
28. What is natural language processing? Discuss the application of NLP in information retrieval.

(2 x 4 = 8 weigh

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Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Fourth Semester MLIS.c Degree Examination, March 2018

LIS4C16 – Information Processing Practice Classification (UDC) Std ED. BSI

(2016 Admission onwards)

x. Time: 3 hours

Max. weightage 36

Workout the class numbers of the prescribed number of titles/specific subjects given below according to the Universal Decimal Classification (BSI Standard Edition 2003)

I. Classify all the titles

1. Ethyl acetate
2. Music album
3. Kumudam – Tamil weekly
4. Biography of Indira Gandhi
5. Prevention of retina diseases
6. History of ancient South India
7. Photographs of flowering plants
8. Fish and sea food preservation

(8 x 1 = 8 weightage)

II. Classify any Six titles

9. Diseases of elephants
10. Trial grounds for Hockey
11. Folk plays for Japanese youths
12. Comparison of UDC and CC
13. Borrowed words in Malayalam
14. Transliteration of Hebrew scripts
15. Pocket dictionary of Physics in Russian
16. Stopping devices of Railway motor cars
17. Biography of eminent Tamilians in Singapore
18. Hospitality and friendship among Malayalis in Dubai

(6 x 2 = 12 weightage)

III. Classify any Four of the following

19. Treatment of leprosy in Sidha and Unani
20. Designing men's sportswear for badminton rallies
21. Thakazhi's Malayalam novel "Chemmeen" in Russian
22. Gaseous iodine research in 20th century: A handbook in Japanese language
23. Orbital motion of Saturn on 31st January 2018, 19 hours, 40 minutes and six s
24. Endoscopic diagnosis of carcinoma of stomach of old age people in common

(4 x 4 = 16 weighta