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Reg. No:.....

Name: .....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Second Semester BLISc Degree Examination, March 2017

Paper 7 – Information Processing Practices - I ( Classification)

(2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

**PART A**

**Classify according to Dewy Decimal Classification (40 marks)**

**I. Classify any Two of the following: ( 2 x 1.5 = 3 marks)**

- 1 Practical plane Geometry.
- 2 Analytical Chemistry.
- 3 The Old testament
- 4 Hydraulic engineering

**II. Classify any four of the following: (4 x 2.5 = 10 marks)**

- 5 Journal of Library Automation
- 6 Students finance in Higher education.
- 7 Reference service in children's libraries.
- 8 Chemistry of the alloys of metals.
- 9 Biography of Sir Isac Newton.
- 10 Indian Criminal Law.

**III. Classify any Four of the following: (4 x 4 = 16 marks)**

11. Assistance by USA of Pakistan.
12. Care and maintenance of dogs in India.
13. Unemployment in textile industries.
14. Functions of the Mayor of Kochi.
15. Scared places of Hindus in U.P.
16. Migration of people from Bangladesh to Assam.

**IV. Classify any Two of the following: (2 x 5.5 = 11 marks)**

17. Damages to rice crops due to scale insects in rural parts of U.P.
18. Criticism of 20<sup>th</sup> century Urdu poems displaying struggle for Indian Independence
19. Architecture of physics laboratories in Burma.
20. Statistics of death due to lung cancer in South Kerala.

## PART B

Classify according to Colon Classification

(40 marks)

V. Classify any Two of the following:

(2 x 1.5 = 3 marks)

21. Practical calorimetry
22. Desert plants
23. Physical education
24. Library management

VI. Classify any Four of the following:

(4 x 2.5 = 10 marks)

25. Bibliography in secondary education
26. Malayalam historical dramas
27. Modern American Literature
28. Biological Abstract ( U.S, 1976)
29. Gazetteer of India
30. Medicated liquid soap technology

VII. Classify any Four of the following:

(4 x 4 = 16 marks)

31. Arabic dictionary for Mechanical engineering
32. Functions of the Vice Chancellor of Kannur University
33. Social reform movement in Kerala: A bibliographic study
34. Handwriting of physically handicapped children
35. Teaching of library cataloguing in Calicut University by catechism method
36. Role of computerized libraries in distance education

VIII. Classify any Two of the following:

(2 x 5.5 = 11 marks)

37. Wages for unskilled child labour in Rubber industries in Kerala
38. Vocational education of women in Kochi city and Calicut city, a comparative study
39. Trade relation between India and Saudi Arabia during 2001-2010
40. Annual report of the Reserve Bank of India, 2015, (RBI was established in 1947)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Second Semester BLISc Degree Examination, March 2017  
Paper 6 – Information Processing Theory – II ( Cataloguing)  
(2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

**All questions carry equal marks**

1.1. Discuss the functions of a Library Catalogue.

OR

1.2. Discuss different physical forms of catalogues with their advantages and disadvantages? (16 marks)

2.1. Explain different types of entries in cataloguing with examples?

OR

2.2. What is a main entry? Explain different section in a main entry with examples? (16 marks)

3.1 Explain the features and use of Sears List of subject headings and LCSH

OR

3.2 Explain the features of key word indexing and uniterm indexing? (16 marks)

4.1. Enumerate different types of cataloguing and explain the features of centralised cataloguing.

OR

4.2. Compare the features and functions of POPSI and PRECIS. (16 marks)

5. Write short notes on any **four** of the following (4x4=16 Marks)

- a) ALA rules for filing entries
- b) Rendering of Indian names
- c) Chain Procedures
- d) OPAC
- e) Union Catalogue
- f) CCF

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
**Second Semester BLISc Degree Examination, March 2017**  
**Paper 5 – Information Processing Theory – I ( Classification)**  
 (2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

- 1.1 Define Notation. Explain the types. What are the qualities of a good notation (2+6+8 marks)
- OR
- 1.2 Define Verbal plane. Discuss the Canons for Verbal plane (4+12 marks)
- 2.1 Explain the need for and importance of library classification (8 + 8 marks)
- OR
- 2.2 Describe the evolution of various schemes of classification (16 marks)
- 3.1 Define an Array. List the Canons for Array. Explain any three Canons (2+4+10 marks)
- OR
- 3.2 List the Canons for Mnemonics. Elucidate any three. (4+ 12 marks)
- 4.1 Describe Ranganathan's formula for constructing the Book Numbers (16 marks)
- OR
- 4.2 Discuss the salient features of Colon Classification (16 marks)
5. Write short notes on **any four** of the following: (4 x 4 marks)
- a) Canons for Characteristic
  - b) Hospitality in Arrays
  - c) Standard Subdivisions
  - d) Add to device
  - e) Canons for Chain
  - f) Canon of Consistent sequence.

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Second Semester BLISc Degree Examination, March 2017  
Paper 3 – Information Sources, Systems and Services  
(2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

- 1.1. Briefly describe the different categories of information sources coming under the purview of primary sources with specific examples. (16 marks)  
Or
- 1.2. Enumerate the different categories of geographical sources and explain the usefulness of gazetteers as a source. (16 marks)
- 2.1. Describe the criteria used for the evaluation of encyclopedias. Critically evaluate McGraw-Hill Encyclopedia of Science and Technology, 11<sup>th</sup> ed. (10 + 6 marks)  
Or
- 2.2. Enumerate the different charging systems. Elaborate the procedure of operation of a charging system suitable for a modern university library. (4 + 12 marks)
- 3.1. Attempt an overview of the different types of digital resources suitable for a scientific library. (16 marks)  
Or
- 3.2. Explain the various information services offered by special libraries. (16 marks)
- 4.1. Discuss the steps in designing and rendering SDI service. (16 marks)  
Or
- 4.2. Describe the products and services of MEDLARS. (4 + 12 marks)
5. Write notes on any FOUR of the following:
  - a. Characteristics of reference sources
  - b. Tertiary sources
  - c. Referral service
  - d. Information literacy programmes
  - e. Reprographic service
  - f. Services of NISCAIR(4 x 4 = 16 marks)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Second Semester BLISc Degree Examination, March 2017  
Paper 4 – Information Technology Theory  
(2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

*All questions carry equal marks*

- 1.1. Draw a block diagram of computer and describe each component in detail.  
Or  
1.2. Define primary memory? Discuss the various types of computer storage devices.  
(16 marks)
- 2.1. What is Operating System? Describe the features and advantages of Linux Operating System in detail.  
Or  
2.2. Define programming language. Discuss the different types of programming languages  
(16 marks)
- 3.1. Define Boolean Logic. Discuss the application of Boolean Logic in the Internet search  
Or  
3.2. What is computer network? Describe the various types of computer networks in detail.  
(16 marks)
- 4.1. Discuss the computerised library housekeeping operations in detail.  
Or  
4.2. Discuss the factors to be considered for the selection of an Integrated Library Management System for library automation.  
(16 marks)
5. Write short notes on any four of the following:  
(a) RAM and ROM  
(b) Application Software  
(c) Direct Access File Organisation  
(d) Satellite Communication  
(e) WebOPAC  
(f) Database Management System

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Second Semester BLIS.c Degree Examination, March 2017  
Paper 1 – Library Information and Society  
(2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

1.1 Explain the educational role of public libraries in the present context

*Or*

1.2 Discuss the implication of the first law of Library Science in the organization of libraries

(16 marks)

2.1. What are the types of libraries? Explain the features of academic libraries

*Or*

2.2. What do you mean by academic libraries? Briefly explain the services of a University Library.

(16 marks)

3.1. What do you mean by library legislation? Explain the need and purpose of library legislation.

*Or*

3.2. Explain the provisions of model public library bill of S R Ranganathan (1972)

(16 marks)

4.1. Write an essay on professional ethics

*Or*

4.2. Explain the major features of Indian copyright act of 1957.

(16 marks)

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

(a) Delivery of Books and News paper Act 1956

(b) Special libraries

(c) ILA

(d) INFONET

(e) Right to Information Act, 2005

(f) RRRLF

(4 x 4=16 marks)



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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Second Semester BLISc Degree Examination, March 2017  
Paper 2 – Management of Libraries and Information Centres  
(2016 Admission onwards)

Max. Time: 3 hours

Max. Marks: 80

- 1.1 Discuss the applicability of the principles enunciated by Henri Fayol in libraries and information centres. (16 marks)
- Or
- 1.2 Discuss the relevance of Total Quality Management in libraries highlighting the tools and techniques involved in it. (16 marks)
- 2.1. Define collection development. Examine the principles of document selection in the digital environment. (2+14 marks)
- Or
- 2.2. Enumerate the different charging systems. Elaborate the procedure of operation of a charging system suitable for a modern university library. (4 +12 marks)
- 3.1. Discuss the routines followed in the Periodicals Section of a large library (16 marks)
- Or
- 3.2. Attempt an overview of the different types of digital resources suitable for a scientific library. (16 marks)
- 4.1. Explain the different categories of professional staff, their nature of work and qualifications as stipulated by University Grants Commission for a university library. (16 marks)
- Or
- 4.2. Define budget. Briefly describe the different types of budget emphasizing the merits of each. (4 + 12 marks)
5. **Write notes on any FOUR of the following:**
- a. Management by Objectives
  - b. Stock verification methods
  - c. Preservation of digital materials
  - d. Library committees
  - e. Library standards
  - f. Library space planning
- (4 x 4 = 16 marks)