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(Pages : 2)

Reg. No:.....

Name: .....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Third Semester MLISc Degree Examination, November 2017  
LIS3C10 - Information Systems & Products  
(2016 Admission onwards)

Time: 3 hours

Max. Weightage: 36

Answer ALL the following (short answer) questions :

1. J-gate
2. Wikis
3. My NCBI
4. WorldCat
5. Shodhganga
6. AGROVOC
7. Trend reports
8. Super JANET
9. Clearing houses
10. Web intermediaries
11. Electronic newsletters
12. Objectives of SENDOC
13. Information Repackaging
14. National Science Library

(14 x 1 = 14 weightage)

Answer any SEVEN (paragraph type) questions:

15. Proquest
16. Elsevier
17. INDEST
18. BIOSIS Previews
19. DELNET data bases
20. ACM digital library
21. IEEE/IET Electronic Library
22. International Translation Pools
23. Designing of an information system
24. Difference between data centers and data banks

(7 x 2 = 14 weightage)

**III. Answer any TWO (essay) questions.**

25. Discuss the growth pattern of information institutions with in India.
26. Discuss the role of information systems in technology transfer and national development.
27. What are the characteristics of document delivery service? Describe any one electronic document delivery service.
28. Discuss in detail the activities, products and services of INIS.

**(2 x 4 = 8 weigh**

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
 Third Semester MLISc Degree Examination, November 2017  
 LIS3C11 - Research Methodology  
 (2016 Admission onwards)

Max. Time: 3 hours

Max. Weightage: 36

Answer all the following (short answer) questions:

1. Secondary data
2. Interdisciplinary research
3. What is citation study?
4. What are the types of graphic representation in research?
5. SPSS
6. Differentiate census survey and sample survey
7. Scientometrics
8. Induction logic
9. What is bibliography?
10. What is H index?
11. Impact Factor?
12. What is tenability of hypothesis
13. What is non random sampling?
14. Differentiate Open ended and close ended questions

(14 x 1 = 14 weightage)

Answer any SEVEN questions (Paragraph type):

15. Basic research
16. Delphi technique
17. Evaluation of research report
18. Interview method
19. What are the types of research design?
20. Types of hypothesis
21. What is big data analysis?
22. Ethical aspects of research
23. Multivariate analysis techniques
24. Features of MLA style manual

(7 x 2 = 14 weightage)

Answer any TWO questions (essay type) :

25. Explain the areas of research in Library and Information Science in Indian context
26. What do you mean by scientific method of research? Explain Ranganathan's spiral of scientific method.
27. Explain the format, layout and organization of a research report..
28. Define research. Explain various types of research methods.

(2 x 4 =8 weightage)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Third Semester MLISc Degree Examination, November 2017  
LIS3C12 - Application of ICT in Library & Information Centres, Theory  
(2016 Admission onwards)

Max. Time: 3 hours

Max. Weightage: 36

Answer ALL the following (Short answer) questions :

1. What is ILMS?
2. Name any two library management software
3. What is Digital Library?
4. Web OPAC
5. Expand RFID?
6. How OCR will help to digital library?
7. Metadata
8. What is Serial Control?
9. How does a rule based expert system work
10. Name any two open source software for digital library
11. Mention any two functions of digital library
12. List any three institutional repository in India.
13. Data mining?
14. What is DLS?

(14 x1=14 weightage)

II. Answer any SEVEN (Paragraphs Type ) questions :

15. Areas of Library Automation
16. Dublin Core metadata
17. Evaluation of library automation software
18. Standard and Protocol for Library Automation
19. Challenges of digital library collection development
20. SOUL
21. Digital Library file formats
22. Expert system
23. Functions of circulation automated system
24. Data ware housing

(7x2=14 weightage)

III. Answer any TWO (Essay) type questions:

25. Discuss the different infrastructure requirements for setting up digital library
26. Define library automation. Explain its advantages and disadvantages
27. Write a detailed note on Artificial Intelligence
28. Discuss the issues and challenges for developing of Institutional Repositories

(2 x 4=8 weightage)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester MLISc Degree Examination, November 2017

LIS3C13 - Statistics &amp; Bibliometrics

(2016 Admission onwards)

Time: 3 hours

Max. Weightage: 36

**Answer ALL the following (short answer) questions:**

1. Z test
2. Define median
3. What is range?
4. Growth of literature
5. Classification of data
6. What is co-citation?
7. Different parts of a table
8. What is primary data?
9. Circle diagrams.
10. Scientometrics?
11. What is Bradford law ?
12. Difference between census and sampling
13. Difference between librarmetry and bibliometrics
14. Merits and demerits of non probability sampling

**(14 x 1 = 14 weightage)****Answer any SEVEN (paragraph ) questions:**

15. Mode
16. H-index
17. Skewness
18. Lotka's law
19. Immediacy Index
20. Web Impact factor
21. Multistage sampling
22. Components of time series
23. Sources of secondary data
24. Classification of obsolescence

**(7 x 2 = 14 weightage)**

Answer any TWO (essay) questions.

25. Define correlation. Describe spearman's rank correlation with suitable examples.

26. Describe the principle of bibliographic coupling and write its application.

27. Discuss the genesis and evolution of statistical analysis to webometrics.

28. Describe the procedure to compute standard deviation and variance Highlight its limitations.

(2 x 4 = 8 weightage)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Third Semester MLISc Degree Examination, November 2017  
**LIS3C14- Technical Communication**  
(2016 Admission onwards)

Time: 3 hours

Max. Weightage: 36

**Answer ALL the following (short answer) questions: sentences.**

1. Define written communication.
2. Mention any four types of writing.
3. What are the steps involved in rewriting?
4. What is Gunning Fog index?
5. Mention any four types of abstracts.
6. Define content analysis.
7. What is information consolidation?
8. What is meant by refereed journal?
9. Define digests.
10. Bring out the difference between project proposals and project reports.
11. Indicate any four punctuation marks and purpose served by each of them.
12. APA style manual.
13. Define substantive editing.
14. List any four reference management software.

**(14 x 1 = 14 weightage)**

**I. Answer any SEVEN (Paragraph) questions :**

15. Nonverbal communication
16. Characteristics of technical writing
17. Audience research
18. Guidelines for preparing abstracts
19. Repackaging of information
20. Preparation of popular articles
21. Trend reports
22. MLA Style Manual
23. Copy editing
24. Plagiarism

**(7 x 2 = 14 weightage)**

**III. Answer any TWO (essay) questions :**

25. Discuss the role of language as a medium of communication.
26. Elaborate the different stages in technical writing starting with prewriting.
27. Explain the modalities to be followed in the preparation of an article in a scholarly journal.
28. Describe the application of information technology at various stages in the preparation of technical documents.

**(2 x 4 = 8 weightage)**