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Name: ....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester MLISC Degree Examination, November 2018

MLIB3B11 – Information Systems & Networks

(2017 Admission onwards)

Max. Time: 3 hours   Max. Weightage : 36

I. Answer ALL the following (short answer) questions:

1. Citi wikis
2. Sci Finder
3. CA Registry
4. GRIS 2.0
5. INIS Thesaurus
6. ShodhGangotri
7. ISI Highly Cited
8. PubMED identifier
9. J-Gate@Speciality
10. Objectives of INDEST
11. E-Resources@N-LIST
12. JIPS (JANET IP Services)
13. Information consolidation
14. Difference between library & Information Centre

(14 x 1 = 14 Weightage)

II. Answer any SEVEN (paragraph type) questions

15. Archives
16. Xerography
17. IEE Explore
18. OCLC Services
19. MEDLARS Online
20. International Referral Centres
21. PubMED Tools and Resources
22. Institute for Scientific Information
23. Objectives of documentation centers
24. Components of an information system

(7 x 2 = 14 Weightage)

III. Answer any TWO essay questions

25. Describe the functions and services of NISCAIR.

26. Elaborate the activities and publications of INFLIBNET.

27. What is a web portal? Describe the different types of web portals with examples.

28. Discuss the role of UNESCO in the development of libraries and information centres.

(2 x 4 = 8 Weightage)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester MLISC Degree Examination, November 2018

MLIB3B12 – Library Automation & Digital Library

(2017 Admission onwards)

Max. Time: 3 hours   Max. Weightage : 36

I.   **Answer ALL the following short answer questions.**

1. Mention any four library automation software.
2. What are the advantages of implementing RFID in libraries?
3. List the different modules of LIBSYS software.
4. Define digital library.
5. What are the hardware requirements for a digital library?
6. Differentiate between e-journals and e-zines.
7. What is the main advantage of using OCR technology?
8. Distinguish between file and file format.
9. Define data querying.
10. Bring out the main difference between digital library and institutional repository.
11. Give examples of any four expert systems in different fields.
12. What is robotics?
13. What is the significance of Dartmouth Conference, 1956?
14. Define big data.   (14 x 1 = 14 weightage)

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

15. Need for library automation
16. Types of contents in a digital library.
17. Text file formats
18. Indexing of resources in digital libraries
19. Issues in the development of institutional repositories
20. OpenDOAR
21. OAIster
22. Greenstone Digital Library software
23. Copyright of digital library materials
24. Strong Artificial Intelligence   (7 x 2 = 14 weightage)

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

25. Discuss the salient features of the library management software KOHA.
26. Examine the issues and challenges in collection building of digital libraries.
27. Compare and contrast data mining and data warehousing.
28. Describe the architecture of DSpace.   (2 x 4 = 8 weightage)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester MLISc Degree Examination, November 2018

MLIB3B13 - Research Methodology

(2016 Admission onwards)

Max. Time: 3 hours   Max. Weightage: 36

1. Answer ALL the following (short answer) questions:

1. What is applied research?
2. What is census?
3. What do you mean by participative observation?
4. What is null hypothesis?
5. What is stratified random sampling
6. What is Ibid?
7. What is citation style?
8. What is induction logic?
9. What is a synopsis?
10. What is APA style?
11. What is bibliometrics?
12. What is meant by Impact Factor(IF)?
13. Differentiate dependent and independent variables
14. What is SPSS ?   **(14 x 1 = 14 Weightage)**

II. Answer any SEVEN questions (Paragraph type):

15. What is the Process of research?
16. What are the types of research?
17. Factors to be considered while framing a research topic
18. What is the purpose of Literature survey ?
19. Ethical aspects of research?
20. What are the types of tables?
21. Delphi technique
22. Case study
23. What is descriptive method?
24. Research design   **(7 x 2 = 14 Weightage)**

III. Answer any TWO questions (essay type)

25. What do you mean by research? Explain the various types of research methods applicable to Library and information Science
26. Critically examine the current trends in library and information research.
27. Discuss various methods used for data collection in social science research
28. Explain the structure, format and organization of the content of a thesis.

(2 x 4 =8 Weightage)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester MLISc Degree Examination, November 2018

MLIB3E01 - Statistics & Bibilometrics

(2016 Admission onwards)

Max. Time: 3 hours   Max. Weightage: 36

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

   1. Ogive

   2. Histogram

   3. Cybermetrics

   4. Self citation

   5. Cited half life

   6. Census method

   7. Discrete variable

   8. Geometric mean

   9. Web Impact factor

   10. Obsolescence of literature

   11. Probability distribution

   12. Symmetrical distribution

   13. Institute for Scientific Information

   14. Proportionately stratified sampling

                                                          (14 x 1 = 14 Weightage)

II. **Answer any SEVEN (paragraph) questions :**

   15. Kurtosis

   16. H- index

   17. Zipf's law

   18. Librametry

   19. Sampling error

   20. Citation indexing

   21. Half life of literature

   22. Scaling techniques

   23. Primary Vs Secondary data

   24. Application of statistics in Library management

                                                          (7 x 2 = 14 Weightage)

III. Answer any TWO (essay) questions :

25. Bring out the scope and genesis of bibliometrics.

26. State lotka's law. Explain the steps involved in testing "goodness-of-fit' for lotka's law.

27. Differentiate between correlation and regression. Discuss the techniques used to derive the most fitting line for a given data having linear relationship.

28. State the need for graphical presentation. Compare the merits and demerits of tabular and graphical presentation.

(2 x 4 = 8 Weightage)

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FAROOK COLLEGE (AUTONÓMOUS), KOZHIKODE

Third Semester MLISc Degree Examination, November 2018

MLIB3E02 - Technical Communication

(2016 Admission onwards)

Max. Time: 3 hours   Max. Weightage: 36

I.   Answer ALL the following (short answer) questions:
       1. What are the different types of human communication?
       2. What is prewriting?
       3. Mention the different types of audience.
       4. Define readability formula.
       5. Mention any four types of abstracts.
       6. What is information repackaging?
       7. Define information consolidation.
       8. Bring out the basic difference between a popular article and a technical paper.
       9. What is meant by briefs in written communication?
       10. What is the difference between technical paper and review paper?
       11. State the purpose of preparing a digest.
       12. Give examples of any four common problems in English grammar.
       13. Illustrate any four proof reading symbols and their use.
       14. List any four open source/free plagiarism detection tools.
                                              (14x1 = 14 Weightage)

II.   Answer any SEVEN (paragraph) questions.
       15. Kinesics
       16. Audience research
       17. Language as a medium of communication
       18. Modalities in the preparation of different abstracts
       19. Content analysis
       20. Preparation of state-of-the-art reports
       21. Use of punctuation marks
       22. Chicago Manual of Style
       23. Copyediting
       24. Zotero
                                              (7 x 2 = 14 Weightage)

III.   Answer any TWO (essay)questions :
       25. Define technical writing. Explain the characteristic features of technical
           writing with illustrative examples.
       26. Examine the organizational pattern of a sample technical report by giving the
           format of the contents of various sections.
       27. Prepare a project proposal for funding from UGC to establish a digital library
           in your institution.
       28. Describe the role of style manuals in technical communication.

                                              (2 x 4 = 8 Weightage)