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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester M.Lib.I.Sc Degree Examination, November 2019

MLIB3B11 – Information Systems & Networks

(2018 Admission onwards)

Time: 3 hours

Max. Weightage: 36

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

1. N-List
2. Data Centre
3. Open J-Gate
4. Web AGRIS
5. e-PG Pathshala
6. Clearing houses
7. SciFinder Scholar
8. DELNET Softwares
9. Documentation Centre
10. Indian MEDLARS Centre
11. Tools for referral Service
12. Biological Abstracts (RRM)
13. National Knowledge Network
14. Difference between Library & referral centre

(14 x 1 = 14 Weightage)

II. Answer any SEVEN (paragraph type) questions

15. JANET
16. PROQUEST
17. OCLC Services
18. PubMed Central
19. ISI Highly Cited

20. INEST Extended

21. Contents of INSPEC

22. Characteristics and properties of a system

23. Activities of International Translation Centers

24. Products of Information Analysis & Consolidation

(7 x 2 = 14 Weightage)

III. Answer any TWO essay questions

25. What is NIC? Explain its objectives and publications.

26. Enumerate the objectives of DELNET and describe its services.

27. Describe the coverage and citation data bases of Web of Science.

28. What is technology transfer? Discuss its impact on national development.

(2 x 4 = 8 Weightage)

(Pages : 2)

Reg. No:...........................

Name: ....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester M.Lib.I.Sc Degree Examination, November 2019
MLIB3B12 – Library Automation & Digital Library
(2018 Admission onwards)

Time: 3 hours

Max. Weightage: 36

I. Answer ALL the following short answer questions

1. What is file format?
2. What is data curation?
3. Define data mining
4. What is GDLS?
5. What is interoperability?
6. Define OCR technology
7. What is ETD?
8. Differentiate open source software and free software
9. What is big data?
10. Define E document
11. Purpose of RFID in libraries
12. What is metadata?
13. What do you mean by TOC?
14. What is digital assets repository?

(14 x1=14 weightage)

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

15. Storage media format
16. Image editing software
17. Expert systems
18. Artificial intelligence tools
19. Features of Digital library
20. Indcat
21. Open DOAR
22. Copyright issues in the creation of digital library
23. Activities of Digital Library.
24. DSpace

(7 x2=14 weightage)

III. Answer any two essays (Each in about 1000 words)

25. What is Open access initiatives? Explain the strategies to achieve Open access to scholarly literature.

26. Discuss the major features of library management software KOHA

27. What do you mean by library automation?Discuss the major problems of library automation.

28. Discuss the characteristics and technical aspects of developing institutional repositories.

(2 x 4 = 8 weightage)

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Name: ....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester M.Lib.I.Sc Degree Examination, November 2019
MLIB3B13 – Research Methodology
(2018 Admission onwards)

Time: 3 hours   Max. Weightage: 36

Answer ALL the following (short answer) questions: (14 x 1 = 14 Weightage)

1. What do you mean by fundamental research?
2. Why is the research needed?
3. What is conceptualization?
4. Define 'research problem'.
5. What do you understand by Delphi technique?
6. Differentiate between survey and case study.
7. What are scales?
8. Define snowball sampling.
9. What is WEBQUAL?
10. Literature Search.
11. What is the role of pie chart in research report?
12. What are style manuals?
13. How do you identify independent variables?
14. Define the term 'research ethics'.

I.   Answer any SEVEN questions (Paragraph type):   (7 x 2 = 14 Weightage)

15. Describe the steps in the process of research.
16. Highlight the characteristics of multi-disciplinary research.
17. Explain different kinds of research design.
18. State the procedures of hypothesis testing.
19. Identify the merits and demerits of scientific method of research.
20. What do you understand by records and reports?
21. Explain cluster sampling with example.

22. State the need and purpose of SERVQUAL for a library.

23. Describe the structural components of a research proposal.

24. Write a note on Impact Factor and H-Index.

III. **Answer any TWO questions (Paragraph type):** (2 x 4 = 8 Weightage)

25. Why is the literature review important for a research? Explain how you would conduct literature review for a research on 'library user studies'.

26. Enumerate various methods of data collection. Discuss the problems associated with the questionnaire and interview methods with examples.

27. Discuss the factors to be considered in writing a thesis effectively.

28. Elaborate the issues emerging out of LIS research in India along with appropria solutions.

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Third Semester M.Lib.I.Sc Degree Examination, November 2019
MLIB3E01 – Statistics & Bibliometrics
(2018 Admission onwards)

Time: 3 hours   Max. weightage: 36

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

1. Systematic sampling

2. Weighted arithmetic mean

3. Measures of Skewness

4. Variance

5. Scatter diagram

6. Categorical data

7. Mode

8. Bibliographic coupling

9. Half-life

10. SCI

11. Geometric mean

12. Zipf's Law

13. Tabulation of data

14. Regression

                                               (14 x 1 =14 Weightage)

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

15. Types of diagrams to represent statistical data

16. Types of variables

17. Difference between descriptive and inferential statistics

18. Statistics in libraries

19. Advantages and limitations of arithmetic mean

20. Quartile deviation

21. Z test

22. Bradford's Law of Scattering

23. Correlation of bi-variate data

24. Standard deviation

                                               (7 x 2 = 14 Weightage)

III Answer any TWO (essay) questions :

25. What are the measures of central tendencies? Explain them with suitable examples.

26. What is correlation? Explain any one of the correlation method that you are familiar with.

27. What is bibliometrics? Explain in brief the classical bibliometric laws.

28. What are the uses of statistical packages? Explain the salient features of SPSS

(2 x 4 = 8 Weigha

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FAROOK COLLEGE (AUTONO

Third Semester M.Lib.I.Sc Degree Exam.
MLIB3E02 – Technical Commu.
(2018 Admission onwards)

Time: 3 hours

III. Answer any T
25.   Briefly wr
       industry
26.   Write a   2019
27.   Wha
28.   Wh   ightage : 36

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

1.   Explain formal communication with example
2.   What do you mean by basic technical writing? How it is important in tec.
      communication
3.   What are the major role in prewriting and rewriting?
4.   Write a brief note on audience research
5.   What is the importance of abstract
6.   What are the methodology of content analysis
7.   Explain the meaning of the expression information consolidation
8.   What are restructuring and types of products
9.   Explain major functions performed by reviews
10.   What is technical proposal
11.   Enumerate the steps followed by planning and preparation of technical design
12.   What are the basic rules of punctuation
13.   What are the popular style manuals?
14.   How does Zotero works for research?

(14×1=14 Weightage)

II. Answer any SEVEN (paragraph) Questions

15.   Process of communication
16.   The SEVEN C's of communication
17.   Abstract services
18.   Components of technical report
19.   Trend reports
20.   Reviews
21.   Functional English Style
22.   Editorial tools
23.   Standard Dialect
24.   Plagiarism

(7×2=14 Weightage)

III. Answer any TWO (essay) questions:

25. Briefly write an account on managing information based resources recognized in industry and government.

26. Write a note on technical digest design and development

27. What are the methods of collecting data for writing a report?

28. What is the difference between copy editing and proof reading?

(2×4=8 Weightage