R8294	Sub. Code
	932401

M.Lib.I.Sc DEGREE EXAMINATION, APRIL – 2023

Fourth Semester

Library and Information Science

KNOWLEDGE MANAGEMENT

(CBCS – 2019 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** the questions.

All questions carry equal marks.

1. Knowledge map
2. Knowledge base
3. Brainstorming
4. Explicit Knowledge
5. Implicit Knowledge
6. Decision trees
7. Problems in Knowledge capturing
8. Frames
9. Role of ontology in Knowledge mapping
10. Steps in data mining

Part B   (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) What are the tools and techniques involved in Knowledge management?

Or

     (b) What are the steps involved in the Knowledge Management process?

12. (a) Brief about concepts of Knowledge Management.

Or

(b) Briefly explain different modes of Knowledge transfer

13. (a) What is neural network? State its advantages.

Or

(b) Discuss the need for Knowledge management in libraries and information centers.

14. (a) Briefly discuss about Knowledge works in organizations.

Or

(b) Briefly discuss about Knowledge codification.

15. (a) What is Decision table? Brief it

Or

(b) What is Knowledge graph? Brief it.

Part C (3 × 10 = 30)

Answer any **three** questions.
All questions carry equal marks.

16. What is Knowledge management (KM)? explain the role of KM in university libraries.

17. Explain in detail the Knowledge capturing techniques with suitable examples.

18. Define Knowledge creation model. Discuss in detail about Knowledge creation model.

19. State the importance of Data mining in an organization. Explain the methods and tools meant for Data mining.

20. Explain in detail the types of Knowledge with suitable examples.

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R8294

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Fourth Semester

Library and Information Science

INFORMETRICS

(CBCS – 2019 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** the questions.

1.   Indian Citation Index (ICI)

2.   VOS viewer

3.   Journal of Citation Report (JCR)

4.   Bibliographic coupling

5.   Price theory

6.   Science Citation Index (SCI)

7.   Scopus

8.   Impact Factor

9.   Self-Citation

10.   i10 Index

Answer **all** questions, choosing either (a) or (b).

11. (a)   What are the sources of Biblimetric study?

Or

(b)   What are the concept and need of scientometric?

12. (a)   Explain Bibliographic Coupling and Co-citation.

Or

(b)   What are H-index and G-index?

13. (a)   Define Zif's Law. How does it support the frequency of keywords in a field?

Or

(b)   Brief about Biexcel and Histicide.

14. (a)   What is the authorship pattern?

Or

(b)   Brief about types of Citation.

15. (a)   What is the difference between qualitative and quantitative techniques? Briefly discuss with suitable examples.

Or

(b)   Trace the evolution and development of bibliometrics and enumerate its scope and applications.

R8295

Answer any **three** questions.

16. Write an essay on Librametrics.

17. What is Bradford's Law? How can the degree of scattering of journals be measured?

18. What is Citation Analysis? Discuss different methods of anlayzing the citations.

19. What is Author Productivity? How does Lotka's Law measure author productivity?

20. Discuss in detail the scope and use of bibliometrics in library management

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R8295

M.Lib.I.Sc. DEGREE EXAMINATION, APRIL – 2023

Fourth Semester

Library and Information Science

ELECTRONIC RESOURCE MANAGEMENT

(CBCS – 2019 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.
All questions carry equal marks.

1.   Define E-resources.

2.   What are the different types of electronic resources in the library?

3.   Expand LOCKSS.

4.   What is Dewey's theory of collection development?

5.   What do mean by Metadata?

6.   What does Blanket Purchase Order mean?

7.   What do you mean by the notion 'vendor'?

8.   What does COUNTER stand for?

9.   Write two names of the subscription model.

10. What is CLOCKSS?

Part B $(5 \times 5 = 25)$

Answer **all** questions, choosing either (a) or (b).
All questions carry equal marks.

11. (a) What is the concept and evalution of E-resources?

Or

(b) Write down the needs of E-resources.

12. (a) What do you understand by the selection of e-E-resources in a library?

Or

(b) Write down the effective techniques of electronic resource management.

13. (a) What are consortia and mention its purpose?

Or

(b) Write a short note on 'Format Migration'.

14. (a) 'SUSHI: Simplify the Delivery of Usage Statistics' explain.

Or

(b) How do you organize E-resources?

15. (a) Describe the scope of web-based resources.

Or

(b) Write a short note on copyright laws.

2   R8296

Part C (3 × 10 = 30)

Answer any **three** questions.
All questions carry equal marks.

16. Discuss the life cycle of E-resource.

17. Give a detailed account of ShodhSindhu.

18. How do you evaluate electronic resources explain them with an example?

19. What is Web Access Management?

20. What is ERM and write down its future?

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3

R8297

M.L.I.Sc DEGREE EXAMINATION, APRIL – 2023

Fourth Semester

Library and Information Science

WEB TECHNOLOGY

(CBCS – 2019 onwards)

Time : 3 Hours　　　　　　　　Maximum : 75 Marks

Part A　　　　　　$(10 \times 2 = 20)$

Answer **all** the questions.

All questions carry equal marks.

1. Concept of Web Technology.

2. RSS Feed.

3. Internet service provider.

4. Markup Language.

5. Criteria for evaluating Search Engines.

6. Dynamic web pages.

7. Evolution of Internet.

8. Google Chrome.

9. Client-Server Architecture.

10. JavaScript.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

All questions carry equal marks.

11. (a) Components of Web Browser - Brief.

Or

(b) Features of search engine – Shortly Discuss.

12. (a) What is Cloud computing? Brief it.

Or

(b) What is Apache Web Server? Brief it.

13. (a) Describe briefly about Search Strategies.

Or

(b) What is Web 2.O and Library 2.O.

14. (a) MySQL – Brief it.

Or

(b) What is Open-Source Search Engine?

15. (a) What do you mean by Web Clients?

Or

(b) Briefly discuss about use of Web Server.

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss in detail the types of search engine with suitable examples.

17. Elaborate the features of Web Browsers and compare Internet Explorer Mozilla FireFox.

2 R8297

18. What is a Website? Discuss the important of HTML tags used for designing a website.

19. Discuss in detail the use of web technology in library services.

20. Explain in detail the types of search engine with suitable examples.

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3

R8297