BLDE (DEEMED TO BE UNIVERSITY)

Master of Library and Information Science

[Time: 3 Hours]

[Max.Marks: 80]

IV SEMESTER
PAPER – I (Information Communication Networks)
QP CODE: 7541

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Question (Any – 3)   10 X 3= 30 Marks

1. Explain various transmission media used in telecommunication with advantages and limitations.
2. Discuss the need, uses, and importance of networks in libraries.
3. Write in detail about DELNET – objectives, services, and resources.
4. Explain the concept, architecture, and models of cloud computing.

Short Essays: (Any – 7)   5 X 7 = 35 Marks

5. Components of telecommunication.
6. Satellite communication and its uses.
7. Compare network protocols: TCP/IP, SMTP, FTP.
8. Role and functions of NICNET in communication.
9. Importance of instant messaging for information sharing.
10. Applications of e-commerce in libraries.
11. Cyber Laws in India: IT Act 2000.
12. SWAYAM: National Coordinators and Courses.

Short Answers: (Any – 5)   3 X 5 = 15 Marks

13. Modem.
14. Network Architecture.
15. CALIBNET.
16. E-mail.
17. Antivirus software.
18. IoT applications.

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IV SEMESTER
PAPER – II (Web Technology)
QP CODE: 7542

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Question (Any – 3)   10 X 3= 30 Marks

1. Explain the evolution of the Web from Web 1.0 to Web 3.0 with suitable examples.
2. Define web resources. Discuss different types of e-resources with examples.
3. Describe the basic structure of an HTML document with suitable examples.
4. Explain the concept of web mining. Discuss content mining, structure mining, and web analytics.

Short Essays: (Any – 7)   5 X 7 = 35 Marks

5. Growth and development of e-journals.
6. Importance of citation databases: Web of Science and Scopus.
7. Role of wikis and blogs in information sharing.
8. Criteria for evaluating web resources.
9. Use of tables and lists in HTML.
10. Client–server architecture in CMS.
11. Features of WordPress as a web content management system.
12. Introduction to Big Data in libraries

Short Answers: (Any – 5)   3 X 5 = 15 Marks

13. Google Scholar.
14. e-PG Pathshala.
15. Twitter.
16. Meta tags in HTML.
17. Joomla.
18. Web log analysis.

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IV SEMESTER
PAPER – III (Webometrics, Informatics & Scientometrics)
QP CODE: 7543

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Question (Any – 3)   10 X 3= 30 Marks

1. Define Bibliometrics. Discuss its need and purpose in library and information science research.
2. Write a detailed note on major bibliometric databases such as PubMed, Scopus and Web of Science.
3. What is Obsolescence in literature? Explain with examples from scientific journals.
4. Explain the concept of Webometrics with reference to Web Decay, Link Checker, and Half-life.

Short Essays: (Any – 7)   5 X 7 = 35 Marks

5. Distinguish between Bibliometrics, Scientometrics, and Informetrics.
6. Importance of Social Science Citation Index in social research.
7. Lotka's Law – applications in measuring productivity.
8. Growth of Literature with reference to Logistic Growth Model.
9. Patterns of authorship in collaborative research.
10. Applications of Citation Analysis in library science.
11. Bibliometrics analysis Tools– features and coverage.
12. URL – importance in web-based analysis.

Short Answers: (Any – 5)   3 X 5 = 15 Marks

13. Bradford's Law.
14. Web archives.
15. Collaboration in research.
16. Power model of literature growth.
17. PubMed.
18. Scopus.