

P.G. Semester-IV Examination, 2023**Library and Information Science**

Course ID : 43754

Course Code : LIS-404-CC

Course Title : Digital Library System (Theory)

Time : 2 Hours

Full Marks : 40

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*Answer any **four** of the following questions:

10×4=40

1. Write brief notes on any **five** of the following:

2×5=10

- a) National Digital Library of India
- b) Shodh Ganga
- c) E-Gyankosh
- d) ePathshala
- e) PostgreSQL
- f) Apache Tomcat
- g) Java SDK

2. What is VuFind? What are the advantages of Library Discovery System? What are the differences between Traditional library retrieval and Library discovery based retrieval? 2+5+3=10
3. What are the major features of VuFind? Explain the framework of a Cross Collection Discovery System (CCDS) through VuFind. 4+6=10
4. What do you mean by Web-scale resource discovery? Explain the impact of semantic web technologies on digital collections of libraries. 3+7=10
5. Make a comparative study of traditional, hybrid, automated, digital and virtual library systems. 10
6. What do you mean by text retrieval tool? Make a comparison of Lucene, MGPP, Solr. 2+8=10
7. What are the salient features of digital library? Discuss the trends and future of digital library? 4+6=10