

THE OPEN UNIVERSITY OF SRI LANKA
 INFORMATION STUDIES UNIT
 FACULTY OF HUMANITIES AND SOCIAL SCIENCES
 BA (HONS) IN LIBRARY AND INFORMATION STUDIES
 FINAL EXAMINATION – 2024/2025
 LEVEL 6 (SEMESTER II)
 HSU6504 - DIGITAL LIBRARY MANAGEMENT



DURATION: THREE (03) HOURS ONLY

Date: 01.03.2025

Time: 9.30 am-12.30pm

Instructions

**Answer only five (05) questions.
 All questions carry equal marks.**

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| 1. | i. | What do you mean by digital library? Explain briefly | 05 Marks |
| | ii. | Briefly describe any three notable digital library initiatives that have been implemented in Sri Lanka by providing an overview of their objectives, features, and impact on information access in the country | 15 Marks |
| 2. | i. | Describe five (05) different information sharing and cooperative activities among library networks | 10 Marks |
| | ii. | Discuss the challenges faced by the libraries in Sri Lanka in establishing library consortia or networks. | 10 Marks |
| 3. | i. | Briefly explain the importance of metadata standards used in digital libraries | 05 Marks |
| | ii. | List down any five (05) core elements of the Dublin Core Metadata standard and explain them using appropriate examples. | 15 Marks |
| 4. | i. | Explain in detail the various social roles of digital libraries in the development of modern society. | 10 Marks |
| | ii. | Describe how outcome-based evaluation is used to assess digital libraries, using appropriate examples. | 10 Marks |
| 5. | i. | Describe various types of information needs of the users in a digital environment with suitable examples | 10 Marks |
| | ii. | Identify five (05) major challenges that could be faced by the users while fulfilling their information needs in the digital age? | 10 Marks |

6. i. What do you mean by Open Archive Initiative (OAI)? Discuss in detail. 05 Marks
- ii. Describe the use of Open Archive Initiative Protocol for Metadata Harvesting (OAI- PMH) in the digital library environment. 15 Marks
7. i. What is Impact Factor (IF)? Describe briefly 05 Marks
- ii. What is CiteScore? Explain 05 Marks
- iii. The following table presents the year-wise publication count of articles from an electronic journal, along with the corresponding citations received for each year. Based on the data, calculate the Impact Factor and CiteScore of the journal for the year 2024.

<i>Year</i>	<i>Number of Publication</i>	<i>Number of Citation</i>
2021	25	80
2022	30	90
2023	35	100
2024	30	125

10 Marks

8. i. Explain three (03) data preservation strategies with suitable examples. 10 Marks
- ii. Your library is planning to implement a long-term digital preservation strategy for various types of resources, including photographs, MS Word documents, presentation slides, and audio recordings. Which file formats would you recommend for each type of resource to ensure their long-term preservation? Explain in detail supporting examples. 10 Marks
9. Write short notes for any four (04) of following topics
- i. Embargo period
 - ii. Digital Divide
 - iii. Greenstone Digital Library (GSDL) Software
 - iv. HTML
 - v. Intellectual property rights
 - vi. Cascading Style Sheets (CSS)
- 4x5=20 Marks