

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 3 (SEMESTER II)
 HSU3308: DIGITAL MEDIA AND WEB TECHNOLOGIES



DURATION: THREE (03) HOURS ONLY

Date: 09.03.2025

Time: : 9.30am – 12.30pm

Instructions:

Answer only five (05) questions

All questions carry equal marks

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| 1. | i. | Describe three (3) different formats of digital media. | 10 marks |
| | ii. | Describe three (3) key characteristics of digital media | 10 marks |
| 2. | i. | Describe briefly giving examples, what are online technologies. | 08 marks |
| | ii. | What are the key components of online technologies? Give a brief description of three (3) components. | 12 marks |
| 3. | i. | What are the components of digital libraries? Give a brief description of three (3) components. | 06 marks |
| | ii. | “The impact of digital media on libraries has been transforming the way information is accessed, shared, and preserved.” Justify this statement giving several ways in which digital media has influenced libraries? | 14 marks |
| 4. | i. | What is a web server? Explain in brief. | 05 marks |
| | ii. | Describe three (3) key concepts of a web server. | 05 marks |
| | iii. | What is the World Wide Web (WWW)? Describe it with key components of WWW. | 10 marks |

5.
 - i. Write a basic skeleton of a web page using HTML. 04 marks
 - ii. Explain the key elements of HTML given in the above web page 06 marks
 - iii. Explain different stages involved in publishing (making it available through Internet) a web site. 10 marks

6.
 - i. Describe three (3) types of web technologies that can be used to promote services in libraries. 08 marks
 - ii. What do you mean by “web-based library services”? Explain it briefly using three (3) different types of web-based library services. 12 marks

7.
 - i. What is the main difference between web 1.0 and web 2.0.? Discuss. 04 marks
 - ii. Explain three (3) main characteristics of web 2.0. 06 marks
 - iii. What are the Internet searching tools? Name and describe four (4) different types of Internet searching tools. 10 marks

8. Given below are some interconnected components that work together to make the internet functional and accessible. Write short notes on these components:
 - i. Routers
 - ii. Servers
 - iii. Protocols
 - iv. IP Address
 05marks for each

9. Write short notes on four (4) of the following:
 - i. Search Engines
 - ii. Content Management Systems
 - iii. (HTML) Text editor
 - iv. Universal Resource Locator (URL)
 - v. Search Operators
 - vi. Internet Service Providers
 05marks for each