**ALLAMA IQBAL OPEN UNIVERSITY. ISLAMABAD**

**(Department of Library & Information Sciences)**

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| **WARNING**   1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.** 2. **SUBMITTING ASSIGNMENT(S) BORROWED OR STOLEN FROM OTHER(S) AS ONE’S OWN WILL BE PENALIZED AS DEFINED IN “AIOU PLAGIARISM POLICY”.** |

**Course:** **Developing Digital Library (9216) Semester:** **Spring, 2025**

**Level:** BSLIS

**Please read the following instructions for writing your assignments. (AD, BS, BED, MA/MSc, MED) (ODL Mode).**

1. All questions are compulsory and carry equal marks but within a question the marks are distributed according to its requirements.
2. Read the question carefully and then answer it according to the requirements of the questions.
3. Avoid irrelevant discussion/information and reproducing from books, study guide or allied material.
4. Handwritten scanned assignments are not acceptable.
5. Upload your typed (in Word or PDF format) assignments on or before the due date.
6. Your own analysis and synthesis will be appreciated.
7. Late assignments can’t be uploaded at LMS.
8. The students who attempt their assignments in Urdu/Arabic may upload a scanned copy of their handwritten assignments (in PDF format) on University LMS. The size of the file should not exceed 5MP.

**Note 1:** Use your own words while working on your assignment. In case of quoting any fact or statement from any source, always remember to provide full reference of the source according to “APA 6th ed. available at: <http://ijolis.aiou.edu.pk/?page_id=251>

**Note 2:** Students at this level are expected to use multiple sources in solving this assignment. All questions carry equal marks.

**Note 3:** Resources to solve this assignment are available at LIS Department website: <http://lis.aiou.edu.pk/>

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|  | **Assignment No. 1** |  |
| **Total Marks: 100** | **Units 1-5** | **Pass Marks: 50** |

**Note:** Attempt all questions.

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| **Q. No.** | **Questions** | **Marks** |
| Q.1. | **Discuss digital contents and digital imaging, and what technological issues are associated with digital imaging? Provide examples to illustrate these challenges.** | (20) |
| Q.2. | **What technologies are used in digitization, and what criteria should be considered when selecting materials for digitization? Discuss in detail the processes involved.** | (20) |
| Q.3. | **Define Web 2.0 and Web 3.0, and how are these technologies utilized in the digitization of libraries? Discuss their impact on library services and user engagement.** | (20) |
| Q.4. | **Describe digital storage and preservation strategies, and how do libraries implement these strategies to ensure long-term access to digital resources? Provide examples to explain these approaches.** | (20) |
| Q.5. | **Explore challenges and issues do libraries face regarding intellectual property rights and digitization, and how can these challenges be addressed? Discuss in detail the implications for libraries and their digital collections.** | (20) |

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|  | **Assignment No. 1** |  |
| **Total Marks: 100** | **Units 6-9** | **Pass Marks: 50** |

**Note:** Attempt all questions.

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| **Q. No.** | **Questions** | **Marks** |
| Q.1. | **What is the role of ICT in e-government, and how does it support the development of community information services through e-governance? Discuss the relationship between these elements.** | (20) |
| Q.2. | **Describe the digital divide, and how can government and e-government initiatives help reduce this divide? Discuss the role of both in promoting equitable access to digital resources.** | (20) |
| Q.3. | **Define metadata, and how does it facilitate the digitization process in libraries? Provide examples to illustrate its importance in managing digital collections.** | (20) |
| Q.4. | **Explain the social divide, and how does it differ from the digital divide? Write a comprehensive note discussing the implications of both divides on access to information and services.** | (20) |
| Q.5. | Write short notes on the following:   1. Science Direct 2. Computer Graphics 3. Online Free Books 4. Architectural Models of DLS | (20) |