**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:** **Information Science in Transition (9207) 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. | Why was controlled vocabulary introduced? Discuss its significance in the field of information science and its role in enhancing information retrieval systems. | (20) |
| Q.2. | Analyze the global landscape of information science research, highlighting key trends, challenges, and advancements. | (20) |
| Q.3. | Explain the role of users in the discipline of information science and provide a detailed account of early research on information use and user behavior. | (20) |
| Q.4. | Discuss the structure of cheminformatics and health informatics, and outline the major challenges faced in the field of health informatics. | (20) |
| Q.5. | Define social informatics and sociotechnical research and explore the evolution of visual information retrieval systems. | (20) |

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|  | **Assignment No. 2** |  |
| **Total Marks: 100** | **Units 6-9** | **Pass Marks: 50** |

**Note:** Attempt all questions.

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| **Q. No.** | **Questions** | **Marks** |
| Q.1. | Write a detailed note on electronic scholarly publishing and the significance of open access research journals in advancing academic communication and knowledge dissemination. | (20) |
| Q.2. | How do information policies influence and transform national information infrastructure? Provide a detailed discussion on various information-handling techniques. | (20) |
| Q.3. | Define bibliometrics and explain the different types of bibliometric measures, highlighting their applications in research and analysis. | (20) |
| Q.4. | What are "Web 2.0 technologies"? Discuss the eight core patterns of these technologies and their impact on user interaction and content creation. | (20) |
| Q.5. | Write short notes on the followings:   1. Explore the role of Wikis, Blogs, and Feeds in collaborative knowledge sharing. 2. Challenges of quality and copyright in open access 3. Sociological perspective of information behavior 4. Applications of telehealth services. | (20) |