**ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD**

**(Department Library & Information Sciences)**

**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 ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE’S OWN WILL BE PENALIZED AS DEFINED IN “AIOU PLAGIARISM POLICY”.**

**Course: Library and Web Technology (9212) Semester: Spring, 2025**

**Level: BS-LIS**

## Please read the following instructions for writing your assignments. (AD, BS, B. Ed, 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 5MB.

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 the postgraduate level are expected to use multiple sources in addition to their course-allied material to solve these assignments.

Note 3: The study guide of this course and links to resources to solve these assignments are also available in downloads at AIOU’s LIS department website: [lis.aiou.edu.pk/](http://lis.aiou.edu.pk/)

**Total Marks: 100 Pass marks: 40**

**ASSIGNMENT No. 1**

**(Units 1–5)**

**Q.1** Explain the evolution of web technology over the years and provide examples of key developments that have shaped its progress. **(20)**

**Q.2** Which website is ideal for exploring the biographies of notable individuals? Discuss its key features and functionalities. **(20)**

**Q.3** How can the information needs of students in Mathematics and Physics be met effectively? Suggest some useful online resources for these fields.**(20)**

**Q.4** List various online information sources available for students and researchers in the fields of Science and Engineering. **(20)**

**Q.5** Write brief notes on the following topics: **(20)**

1. Guidelines for efficient search techniques (searching rules of thumb)
2. WorldCat: Overview and features
3. OCLC: Its role and significance in global library networks
4. Library of Congress (LOC): Its resources and services
5. The use of Boolean operators in information retrieval

**Total Marks: 100 Pass marks: 40**

**ASSIGNMENT No. 2**

**(Units 6–9)**

**Q.1** Discuss the evolution of web technology with examples. How have advancements in web development improved user experiences over the years?  **(20)**

**Q.2** What are financial portals and portfolios? Write a comprehensive note on their functions and provide examples of popular platforms.  **(20)**

**Q.3** Describe the process of creating a web page. What are the major steps involved, and how can you ensure a functional and visually appealing page? Provide examples. **(20)**

**Q.4** Explain the role of a librarian as an "instructor for teaching the Internet." Provide examples of how librarians can teach users to navigate online resources effectively. **(20)**

**Q.5** Write short notes on the following: **(20)**

1. HTML: Its importance in web development
2. Image Editors: Role in designing digital content
3. File Transfer Protocol (FTP): How it facilitates file sharing
4. Cascading Style Sheets (CSS): Its significance in styling web pages
5. Consumer Advice: The role of libraries in guiding consumers online