

ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Library and Information Sciences)

Course: Information Architecture (9203)
Level: BS-LIS

Semester: Autumn 2026
Total Marks: 100+100
Pass Marks: 50%

Warning

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
2. 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.
3. Submitting assignment/(s), borrowed or stolen from others/(s) as one’s own, will be penalized as defined in AIOU Plagiarism Policy.

Note I: Students at postgraduate level are expected to use multiple sources in addition to their course allied material to solve these assignments.

Note II: 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/

ASSIGNMENT No. 1
(Units 1–5)

Total Marks: 100

Pass marks: 50

- Q.1. Explain Information Architecture (IA) and examine the significance of IA in project management and assess its contribution to the effective planning, implementation, and completion of digital projects, with relevant examples.
- Q.2. Describe the principal phases involved in preparing a research report. Explain the purpose and importance of each phase and discuss how these stages contribute to developing a systematic, coherent, and scientifically rigorous report for communicating research outcomes.
- Q.3. Differentiate between the Search function and A–Z Indexes in relation to information retrieval and website navigation. Compare their operational features, benefits, and constraints, and provide appropriate examples from digital information environments.

- Q.4. What do you understand by Content Inventory? Explain its objectives and outline the procedure for preparing a content inventory for a website or digital initiative. Discuss its role in structuring, updating, maintaining, and improving the accessibility and management of digital content.
- Q.5. Explain the concept of Content Planning and discuss its relevance to the development of effective digital content. Identify and describe the essential components of a content planning framework and explain how systematic planning enables organizations to provide consistent, useful, and user-oriented content.

Total Marks: 100

Pass marks: 50

ASSIGNMENT No. 2

(Units 6–9)

- Q.1. Explain the concepts of Database, Metadata, Hypertext, and Catalog. Discuss the function and importance of each concept within web development and information systems and demonstrate their practical use through suitable examples.
- Q.2. Define a Sitemap and explain its role in the planning and structural design of websites. Discuss the principal categories of sitemaps and examine how they support website structure, navigation, content organization, and search engine optimization.
- Q.3. What are Navigation Extras in the context of web design? Explain their purpose and examine how they contribute to website usability and the overall user experience. Discuss the main forms of navigation extras and provide suitable examples for each.
- Q.4. Explain the website testing process and describe the key phases carried out before a website is launched. Discuss the techniques used to assess functionality, usability, browser/device compatibility, performance, and security, and explain the significance of each area of testing.
- Q.5. Define a Prototype as used in web development and design. Discuss the major categories of prototypes employed throughout the design and development cycle and how would you use prototyping enables designers and developers to validate concepts, obtain user feedback, identify improvements, and enhance the quality of the final website or digital product.