

Short Questions

What is XQuery, and how it is contribute to XML processing?

What is the significance of XInclude in XML?

Define taxonomies?

Discuss the concept of knowledge representation.

Discuss the importance of structure and how it influences information organization?

Explain the logical expression of ontologies?

Define Semantic web Application?

What is the significance of Knowledge Base in the context of the Semantic Web?

Explain the role of Semantic Bioinformatics in leveraging semantic technologies.

What are the different web search agents?

LONG QUESTIONS

Explore the functionalities of XInclude and XMLBase. Provide examples and features?

Discuss the significance and applications of XHTML, XForms, and SVG in the XML technology landscape?

Briefly discuss about topic maps?

Investigate the relationship between ontologies and artificial intelligence? Discuss briefly.

Explore the practical applications of topic maps in information retrieval and knowledge discovery?

. Differentiate between the various elements of the ontology spectrum?

Examine the role of knowledge representation in the context of ontologies?

Explain the role of Semantic Web Services in enhancing web applications, and provide examples.

Discuss the challenges and opportunities associated with incorporating semantic technologies into Enterprise Applications.

Explore the role of Swoogle in the Semantic Web landscape. How does Swoogle contribute to the discovery and retrieval of semantic web resources?

Explore the application of Semantic Web in e-Learning environments.