17 Lecture - CS506

Important Mcqs

Sure, here are 10 multiple-choice questions (MCQs) about Metadata along with their solutions and multiple options:

Question 1: What is metadata?

- a) Data that is unstructured and unorganized.
- b) Data that is encrypted for security purposes.
- c) Data that provides information about other data.
- d) Data that is used exclusively for backups.

Solution: c) Data that provides information about other data.

Question 2: What is the purpose of metadata?

- a) To hide information about the data.
- b) To duplicate the original data.
- c) To provide context, structure, and meaning to data.
- d) To slow down data processing.

Solution: c) To provide context, structure, and meaning to data.

Question 3: Which of the following is an example of metadata?

- a) A document's file size.
- b) A user's password.
- c) The color scheme of a webpage.
- d) An encryption algorithm.

Solution: a) A document's file size. **Question 4: Where can metadata be found?** a) Only in physical documents. b) Only in databases. c) In digital and physical contexts. d) Only in encrypted files. **Solution: c) In digital and physical contexts.** **Question 5: What does EXIF metadata typically contain?** a) Financial data. b) Geographical information. c) Social media posts. d) Video game scores. **Solution: b) Geographical information.** **Question 6: Which type of metadata describes the structure of a database?** a) Descriptive metadata. b) Technical metadata. c) Administrative metadata. d) Structural metadata. **Solution: d) Structural metadata.** **Question 7: What is the role of metadata in search engines?** a) It slows down the search process.

b) It confuses users.

c) It enhances search accuracy and relevance.
d) It displays ads.
Solution: c) It enhances search accuracy and relevance.
Question 8: Which metadata type includes information about the data's creation date, author, and version?
a) Administrative metadata.
b) Structural metadata.
c) Descriptive metadata.
d) Technical metadata.
Solution: a) Administrative metadata.
Question 9: How does metadata contribute to data organization?
a) By making data duplication.
b) By making data larger in size.
c) By providing a way to categorize, classify, and tag data.
d) By slowing down data access.
Solution: c) By providing a way to categorize, classify, and tag data.
Question 10: In a digital image, what can IPTC metadata include?
a) The camera's manufacturing date.
b) The image resolution.
c) Copyright information and keywords.
d) The image compression algorithm.
Solution: c) Copyright information and keywords.