**ACE** 

**Engineering College**

**An Autonomous Institution**

**Ankushapur (V), Ghatkesar (M), Medchal Dist. – 501 301**

**III B. TECH- II SEMESTER**

**OBJECTIVE MID EXAMINATION-I (MARCH-2025)**

**Branch: CSM [A,B,C]**

**Date: 24-03-2025 Marks Obtained:**

**Time: 20 Minutes Max. Marks: 10**

**Subject: IRS Signature of the Examiner:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of the**  **Student** |  | **H. T. No** |  |  |  |  |  |  |  |  |  |  |

***Answer All Questions. Each question carries ½ mark.***

1. ***Choose the correct alternative and answer in the space provided:***

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | What is an Item? | | [ ] |
|  | a) Complete Unit | b) Paragraph |  |
|  | c) Sentences | d) Words |  |
| 2. | Token is also called as | | [ ] |
|  | a)Bit | b)Byte |  |
|  | c)Word | d)Character |  |
| 3. | What is a common example of a miscellaneous capability in an Information Retrieval System? | | [ ] |
|  | a) a. Spell checking | b)Alphabetization |  |
|  | c) Color-coding | d) Page numbering |  |
| 4. | The Signature File Structure is used for | | [ ] |
|  | a) Document encryption | b) Fast pattern matching in search |  |
|  | c) Compressing large files | d) Indexing structured data |  |
| 5. | Which capability of an Information Retrieval System involves exploring content in a structured manner without specific search queries? | | [ ] |
|  | a)Search Capabilities | b)Browse Capabilities |  |
|  | c) Miscellaneous Capabilities | d) Advanced Capabilities |  |
| 6. | In a comparison between IRS and DBMS, which is more suitable for handling large volumes of unstructured text data? | | [ ] |
|  | a) IRS | b) DBMS |  |
|  | c)Both are equally suitable | d) Neither is suitable |  |
| 7. | What is the primary objective of indexing in information management? | | [ ] |
|  | a) Storing data | b) Retrieving information |  |
|  | c) Encrypting files | d) Creating backups |  |
| 8. | Pre Coordination is creating the term “linkages” | | [ ] |
|  | a) At Index Creation Time | b) After Indexing Process |  |
|  | c)At Item Creation Time | d) After Item Created |  |
| 9. | Which of the following is a class of Automatic Indexing? | | [ ] |
|  | a) Rule-Based Indexing | b) Hierarchical Indexing |  |
|  | c) Concept Indexing | d) Boolean Indexing |  |
| 10. | Metadata in an IRS includes | | [ ] |
|  | a) Document title | b) Author name |  |
|  | c) Date of creation | d) All of the above |  |

1. ***Fill in the Blanks***

|  |  |
| --- | --- |
| 11. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a system used to store, retrieve, and manage information from a collection of documents. |
| 12. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ allows users to apply logical operators such as AND, OR, and NOT. |
| 13. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ measures how many retrieved documents are relevant to the user query. |
| 14. | A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a probabilistic model used in IR for sequential data processing. |
| 15. | The Concept indexing is also called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 16. | The process of extracting facts into indexes is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 17. | Digital libraries and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_store structured and unstructured data for efficient retrieval. |
| 18. | SMIL stands for\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 19. | Concept indexing determines a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ based upon a test set of “terms” and uses them as a basis for indexing all items. |
| 20. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ measures the proportion of relevant documents retrieved out of all relevant documents available. |

**-0O0-**