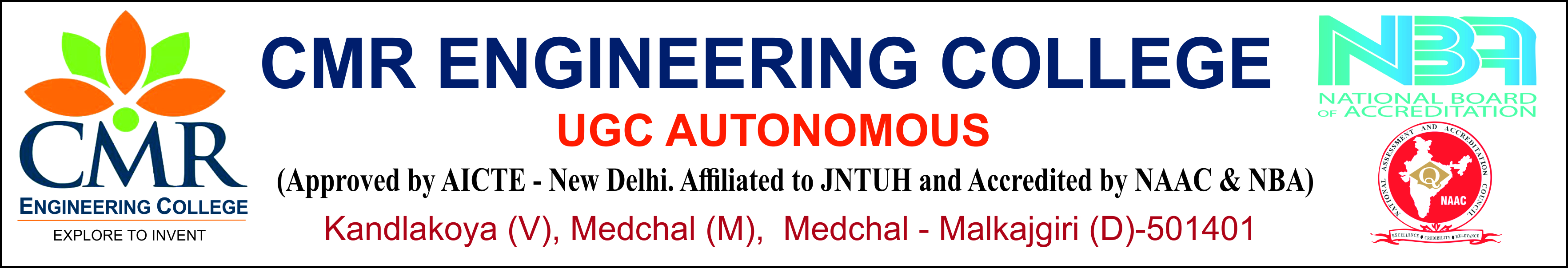
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**IV.B.TECH- I-SEM (R20)-II MID EXAMINATIONS-NOVEMBER-2023 Date: 07.11.2023.**

**Subject: Semantic Web & Social Networks Time:10:00 TO 11:30 AM**

**Branch: IT-B Marks: 25 M**

***Answer All Questions In Part-A& Part-B***

**PART –A 5\*2=10 M**

|  |  |  |
| --- | --- | --- |
| **BTL** | | **CO** |
| 1. Discuss about semantic bioinformatics. | **1** | **3** |
| 2. Explain about monotonic and non monotonic rules. | **1** | **3** |
| 3. Explain semantic methods to improve search result | **1** | **4** |
| 4. Describe XML- Based web services? | **1** | **4** |
| 5. Explain about Graph Util.? | **1** | **5** |

**PART –B 5\*3=15 M**

|  |  |  |
| --- | --- | --- |
| **BTL** | | **CO** |
| 6.a) Explain about semantic search semantic bioinformatics  b) Explain in detail about logic, inference and rules  **OR**  7. a) Explain about latent semantic index search.  b) What is social network analysis? Explain. | **1**  **1**  **6**  **6** | **1**  **1**  **1**  **1** |
| 8. Discuss web based networks.  **OR**  9. a) What is social network analysis?  b) Describe development of social network analysis | **6**  **1** | **2**  **2** |
| 10. Describe building Semantic Web application with social network features.  **OR**  11. Discuss the following:  a) Sesame  b) Blogs and online communities | **1**  **6** | **2**  **2** |

**SCHEME OF EVALUATION**

**Part –A**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **1** | Discuss about semantic bioinformatics. | **2** | **2** |
| **2** | Explain about monotonic and non monotonic rules. | **2** | **2** |
| **3** | Explain semantic methods to improve search result | **2** | **2** |
| **4** | Describe XML- Based web services? | **2** | **2** |
| **5** | Explain about Graph Util.? | **2** | **2** |

**Part –B**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **6** | a) Explain about semantic search semantic bioinformatics  b) Explain in detail about logic, inference and rules  **OR** | **2.5**  **2.5** | **5** |
| **7** | a) Explain about latent semantic index search.  b) What is social network analysis? Explain. | **2.5**  **2.5** |  |
| **8** | Discuss web based networks.  **OR** | **5** | **5** |
| **9** | a) What is social network analysis?  b) Describe development of social network analysis | **2.5**  **2.5** |  |
| **10** | Describe building Semantic Web application with social network features.  **OR** | **5** | **5** |
| **11** | Discuss the following:  a) Sesame  b) Blogs and online communities | **2.5**  **2.5** |  |