***INTERNAL ASSESMENT - III [Academic Year: 2022-23]***

**Sub with Code: Cloud Computing and its Applications (18CS643) Semester: 6th**

**Max Marks : 50 Time: 90 min**

**Note: Answer all the questions.**

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| **1.** | **a.** | Discuss GAE (GoogleAppEngine). | **6M** | | **(CO2)** | **BL2** |
| **b.** | Describe Microsoft Azure core concept. | **4M** | | **BL2** |
| **(OR)** | | | | |  |
| **2.** | **a.** | Distinguish all three service provider of cloud? | **10M** | | **BL2** |
|  | | | | | |  |
| **3.** | **a.** | Explain data intensive computing? What are the characteristics and challenges of data intensive computing? | **10M** | | **(CO3)** | **BL2** |
| **(OR)** | | | | |  |
| **4.** | **a.** | What are the historical perspectives of Data Intensive Computing? | **10M** | | **BL2** |
|  | | | | | |  |
| **5.** | **a.** | Summarize Storage system of data intensive computing. | | **10M** | **(CO3)** | **BL2** |
| **(OR)** | | | | |  |
| **6.** | **a.** | Explain with diagram Amazon Dynamo and Bigtable Architecture. | **10M** | | **BL2** |
|  | | | | | |  |
| **7.** | **a.** | Illustrate map reduce programming model with its infrastructure overview and computation workflow. | **10M** | | **(CO3)** | **BL3** |
| **(OR)** | | | | |  |
| **8.** | **a.** | Demonstrate the variations and extension of map reduce and also explain the alternatives to map-reduce. | **10M** | | **BL3** |
|  | | | | | |  |
| **9.** | **a.** | Illustrate Parsing Aneka logs, Mapper design and implementation and Driver program. | **10M** | | **(CO4)** | **BL3** |
| **(OR)** | | | | |  |
| **10.** | **a.** | Sketch and Explain MapReduce scheduling service architecture and Execution service architecture. | **10M** | | **BL3** |

**CO2:** **Illustrate** Cloud mechanisms to optimize the QoS parameters ,architecture and programming in cloud

**CO3: Identify** the platforms for development of cloud applications and List the application of cloud.

**CO4: Use** cloud platforms to develop applications.

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| **Signature** | **Course-Coordinator** | **Module-Coordinator** | **Test-Coordinator** | **HOD** |
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