***INTERNAL ASSESMENT - II [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 three major categories of Aneka container? | **6M** | | **(CO2)** | **BL2** |
| **b.** | Explain PAL features? | **4M** | | **BL2** |
| **(OR)** | | | | |  |
| **2.** | **a.** | Explain Aneka framework with diagram. | **10M** | | **BL2** |
|  | | | | | |  |
| **3.** | **a.** | What are the two methods of building Aneka clouds? | **10M** | | **(CO2)** | **BL2** |
| **(OR)** | | | | |  |
| **4.** | **a.** | Summarize aneka cloud deployment models with diagram. | **10M** | | **BL2** |
|  | | | | | |  |
| **5.** | **a.** | Discuss parallelism for single machine computing?  Distinguish POSIX Thread & Thread support in Java & .NET. | | **10M** | **(CO2)** | **BL2** |
| **(OR)** | | | | |  |
| **6.** | **a.** | What are threads, implicit, explicit thread, with diagram explain the relationship between Processes and Threads. | **10M** | | **BL2** |
|  | | | | | |  |
| **7.** | **a.** | Illustrate ECG analysis, protein structure prediction and satellite image processing. | **10M** | | **(CO4)** | **BL3** |
| **(OR)** | | | | |  |
| **8.** | **a.** | Compare different CRM and ERP-Business & Consumer Applications. | **10M** | | **BL3** |
|  | | | | | |  |
| **9.** | **a.** | Demonstrate EyeOS and XIOS/3, media applications | **10M** | | **(CO4)** | **BL3** |
| **(OR)** | | | | |  |
| **10.** | **a.** | Illustrate Dropbox, ICloud, Google Docs and Media Applications of cloud. | **10M** | | **BL3** |

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

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

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