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**M.G.M.’s College of Engineering, Nanded.**

**Computer Science and Engineering Department**

**[Even Semister- 2018-19]**

**Subject: Cloud computing Assignment No.: I Class: BE CSE [I & II]**

1. Explain the cloud computing reference model.
2. Explain the characteristic and benefits of cloud computing.
3. Give a list and explain computing platforms and technologies.
4. Explain the hardware architecture for parallel processing.
5. Explain the software architectural style of distributed computing .
6. Explain the system architectural style of distributed computing.
7. Explain the examples of distributed object frameworks.
8. Explain the service oriented computing .
9. Discuss the characteristics of virtual environments .
10. Draw and explain machine references model.
11. Draw and explain hardware virtualization reference model.
12. Explain the hardware virtualization techniques .
13. Discuss the advantages and disadvantages of virtualization.
14. Explain the Xen : paravirtualization.
15. Explain the VMware Workstation architecture.
16. Explain the VMware GSX server architecture( Full Virtualization ).
17. Explain the Microsoft Hyper-V architecture.
18. What are the fundamental components introduced in cloud computing architecture?
19. Which are the basic components of an IaaS- based solution for cloud computing?

**Subject In-Charge**

Ms. Jyoti S. Kale

[BECSE – I & II]