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**4629**

**BOARD DIPLOMA EXAMINATION, (C-14)**

**JUNE-2019**

**DCME -FIFTH SEMESTER EXAMINATION**

**CLOUD COMPUTING**

Time: 3 Hours

Max. Marks: 80

**PART-A**

**10x3=30M**

**Instructions:** 1) Answer all questions Each question carries 3 marks  
2) Answer should be brief and straight to the point and shall not exceed five simple sentences.

- 1) Define Grid Computing.
- 2) State the basic principles of cloud computing.
- 3) List any six cloud service providers.
- 4) What is Remote procedure call and Explain.
- 5) Differentiate parallel and Distributed Computing.
- 6) Write the cons of virtualization.
- 7) What is Microsoft hyper-V?
- 8) State the purpose of PaaS.
- 9) Define Privacy and Trust.
- 10) State the use of Cloud computing in Biology applications.

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**PART-B**

**10x5=50M**

**Instructions:** 1) Answer any five questions Each question carries 10marks  
2) Answer should be comprehensive and the criterion for valuation is the content but not length of the Answers.

- 11) a) Compare Cluster Computing and Grid Computing. 5  
b) Write about Hardware level Virtualization. 5
- 12) a) Explain about approaches to Parallel Processing. 5  
b) Explain about levels of Parallelism. 5
- 13) Explain about system Architectural styles for distributed computing.
- 14) Explain about Operating system level Virtualization.
- 15) a) Explain the VM Ware Virtualization Technology. 5  
b) Explain Data Security Mitigation. 5
- 16) Describe about SaaS.
- 17) Explain about Hybrid and Community Clouds.
- 18) Explain about Host level security and application level security.

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