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BOARD DIPLOMA EXAMINATION, (C-14)
MARCH /APRIL-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 exceed **five** simple sentences.

- 1) Define utility computing.
- 2) Write the features of Cloud Computing.
- 3) List any six Cloud Service Providers.
- 4) Write the levels of parallelism.
- 5) Differentiate between parallel and distributed computing.
- 6) Write the different characteristics of virtualization.
- 7) Write the Advantages of virtualization.
- 8) Write any three benefits of Software as a Services (SaaS).
- 9) Define security.
- 10) List the applications of cloud computing.

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PART-B

5x10=50M

Instructions: 1) Answer any **Five** questions. Each question carries **Ten** marks.
2) Answer should be comprehensive and the criteria for valuation is the content but not the length of the answer.

- 11) a) Write any five differences between grid computing and cloud computing. 5M
b) Explain the aspects of Data Security. 5M
- 12) Explain the hardware architecture for parallel processing. 10M
- 13) Explain in detail about the System Architectural Styles of distributed computing. 10M
- 14) Explain the various Hardware Virtualization techniques. 10M
- 15) Write about
- (a) Application level Virtualization technique. 5M
(b) Write about VM ware. 5M
- 16) Explain the following.
- a) Infrastructure as a Service (IaaS) 5M
b) Platform as a Service (PaaS) 5M
- 17) Explain the cloud computing reference model architecture. 10M
- 18) Explain about the application level security. 10M

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