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C14-CM-506

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BOARD DIPLOMA EXAMINATION, (C-14)
OCT/NOV—2016
DCME—FIFTH SEMESTER EXAMINATION
CLOUD COMPUTING

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

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

1. Define grid computing.
2. Write any three challenges of cloud computing.
3. Write any three features of cloud computing.
4. Write the concept of approaches to parallel processing.
5. Define parallel computing.
6. Write different characteristics of virtualization.
7. Write any three disadvantages of virtualization.
8. Define Software as a Service (SaaS).

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9. Define trust.
10. List any three business and consumer applications of cloud computing.

PART—B

10×5=50

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

11. (a) Write any five differences between distributed computing and cluster computing. 5
(b) Explain the data security mitigation. 5
12. Explain the Flynn's classifications of hardware architecture for parallel processing. 10
13. Explain the remote procedure call in distributed computing. 10
14. Explain the following :
(a) Hardware-assisted virtualization technique 5
(b) Full virtualization technique 5
15. (a) Write about programming language level virtualization technique. 5
(b) Write any five advantages of virtualization. 5
16. Explain infrastructure as a service in cloud computing. 10
17. Explain private cloud and hybrid cloud. 10
18. Explain about network level security. 10

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