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BOARD DIPLOMA EXAMINATION, (C–14)
OCT/NOV—2017
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 cluster computing.

2. Define cloud computing.

3. List cloud service providers.

4. Define parallel computing.

5. Define distributed computing.

6. Define the term virtualization.

7. Write a short note on Xen.

8. Write a short note on hybrid cloud.

9. Define privacy.

10. List any three scientific 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 advantages and disadvantages of cloud computing. 5

(b) Write the importance of data security mitigation. 5

12. Explain about different levels of parallelism. 10

13. Explain the software architectural styles of distributed computing. 10

14. Explain in detail about hardware level virtualization. 10

15. *(a)* Explain the programming language level virtualization. 5

(b) Write any five advantages and disadvantages of virtualization. 5

16. Explain the cloud computing reference model architecture. 10

17. Explain the following : 5×2=10

(a) Public cloud

(b) Private cloud

18. Explain the application level security. 10

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