



C14-CM-506

4629

BOARD DIPLOMA EXAMINATION, (C-14)
OCT/NOV—2018
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 distributed computing.
2. List the challenges of cloud computing.
3. Write briefly the history of cloud computing.
4. What is parallel processing?
5. Differentiate between parallel computing and distributed computing.
6. Define the term virtualization.
7. What is VM ware technology?
8. Write the use of SaaS in cloud computing.

* 9. Define security and privacy.

10. What are CRM and ERP 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) Compare between distributed computing and cloud computing.

(b) Explain programming language level virtualization.

12. (a) Explain the concept of parallel computing.

(b) Explain eras of computing.

13. Explain the models for interprocess communication.

14. Explain application level virtualization.

15. (a) Explain Microsoft Hyper-V technology.

(b) Explain the aspects of data security.

16. Explain (a) hybrid cloud, and (b) community cloud.

* 17. Explain the economics of cloud.

18. Explain network level security and host level security.
