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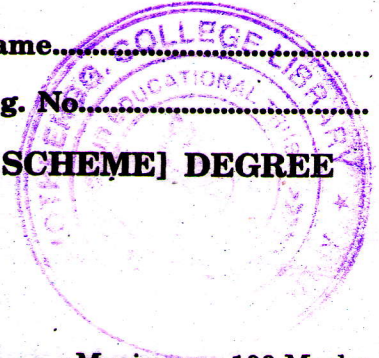
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Name.....

Reg. No.....

**EIGHTH SEMESTER B.TECH. (ENGINEERING) [2014 SCHEME] DEGREE  
EXAMINATION, APRIL 2018**

Computer Science Engineering  
CS 14 805 B—CLOUD COMPUTING



Time : Three Hours

Maximum : 100 Marks

**Part A**

*Answer any eight questions.*

*Each question carries 5 marks.*

- (1) What are the benefits of grid computing ?
- (2) Explain the basic concept of cloud and virtualization.
- (3) Write short notes on private clouds.
- (4) Bring out the advantages of conceptual cloud model.
- (5) Write short notes on 'cloud as a service'.
- (6) Bring out the benefits of virtualization.
- (7) Write short notes on hypervision management software.
- (8) Write a short note on cloud performance monitoring commands.
- (9) Write short notes on cloud information archive.
- (10) Bring out the importance of cloud management.

(8 × 5 = 40 marks)

**Part B**

*Answer all questions.*

- (11) (a) Describe in detail about the potential benefits of emerging to cloud computing from grid computing.

*Or*

- (b) With a neat sketch, explain in detail about security models in public cloud.

- (12) (a) Explain in detail about Cloud design and implementation using SOA.

*Or*

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(b) With a neat sketch explain in detail about cloud business process management.

(13) (a) Explain in detail about cloud server virtualization.

Or

(b) Explain in detail about virtualization for x86 architecture.

(14) (a) Explain in detail about cloud information storage and retrieval mechanisms.

Or

(b) Explain in detail about virtual desktop infrastructure.

(4 × 15 = 60 marks)