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## 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.

 $(8 \times 5 = 40 \text{ marks})$ 

## 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.

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 $(4 \times 15 = 60 \text{ marks})$ 

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