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**AI—399—2017**

**FACULTY OF COMPUTER STUDIES**

**M.Sc. (Second Year) (Fourth Semester) EXAMINATION**

**MARCH/APRIL, 2017**

**(CBCS Pattern)**

**COMPUTER SCIENCE**

**(Cloud Computing)**

**(Friday, 28-4-2017)**

**Time : 2.00 p.m. to 5.00 p.m.**

*Time—Three Hours*

*Maximum Marks—75*

*N.B. :— (i) Assume suitable data if necessary.*

*(ii) Figures to the right indicate full marks.*

1. Attempt any *three* of the following : 15
  - (a) Discuss Dev 2.0 platform.
  - (b) Explain concept of internet technology.
  - (c) What is parallel computing ?
  - (d) What do you mean by cloud data store ?
  - (e) Explain concept of TP monitor.
  
2. Answer any *three* of the following : 15
  - (a) What is web enabled application ?
  - (b) Explain mainframe architecture.
  - (c) Discuss the emergence of Saas.
  - (d) Explain map reduce model in detail.
  
3. Answer any *three* of the following : 15
  - (a) Explain SOAP in detail.
  - (b) What is GFS ?
  - (c) Discuss applicability of Dev 2.0.
  - (d) Explain use of HBase.
  
4. Answer any *three* of the following : 15
  - (a) Explain use of amazon EC2.
  - (b) Explain concept of dynamo.

P.T.O.

- (c) Discuss "web application server".
- (d) Explain concept of simple DB.
- 5. Write short notes on the following (any *three*) : 15
  - (a) Relational database
  - (b) Application of cloud computer
  - (c) Cloud data store
  - (d) Simple DB
  - (e) Dynamo.