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W—407—2018

FACULTY OF COMPUTER STUDIES

B.Sc. (Third Year) (Fifth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2018

(CBCS Pattern)

COMPUTER SCIENCE

Paper XIII(B)

(Cloud Computing)

(Saturday, 8-12-2018)   **Time : 10.00 a.m. to 12.00 noon**

Time—2 Hours   *Maximum Marks—40*

N.B. :— (i) *All* questions are compulsory.

(ii) Each question carries equal marks.

(iii) Figures to the right indicate full marks.

(iv) Give point to point answer and draw well labelled diagrams, if necessary.

1. Attempt the following (any *four*) :   8

(a) What is Cloud Computing ?

(b) What is Web Application Server ?

(c) Dev 2.0 platform.

(d) What do you mean google app engine ?

(e) What are key elements of cloud computing ?

(f) What is user interface services ?

2. Solve the following (any *two*) :   8

(a) Explain Client Server architecture.

(b) Describe Internet technology.

(c) Explain mainframe architecture.

P.T.O.

3. Attempt the following (any *one*) : 8

   (*a*) Describe three tier architecture with TP-monitors.

   (*b*) Explain use of Internet technology for web based applications.

4. Attempt the following (any *two*) : 8

   (*a*) Discuss emergence of software as a service.

   (*b*) Discuss Platform as a Service (PaaS).

   (*c*) Discuss Microsoft Azure Platform.

5. Attempt the following (any *one*) : 8

   (*a*) Discuss AJAX and Mashups.

   (*b*) Describe Dev 2.0 in the cloud for enterprises.

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