Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_

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**End Semester Examination – Nov/Dec – 2018**

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| **Code :** | **14CS2015** | **Duration :** | **3hrs** |
| **Sub. Name :** | **E-COMMERCE** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Explain in detail, the different types of E-commerce along with an example. | CO2 | 16 |
| b. | List the major advantages of E-Commerce. | CO1 | 4 |
| (OR) | | | | |
| 2. | a. | Discuss on the various myths about development and implementation of E-commerce. | CO1 | 16 |
| b. | Mention the components of three-tier model with necessary diagram. | CO3 | 4 |
|  |  |  |  |  |
| 3. |  | Briefly discuss on the following:  a. CGI b. CSS c. JavaScript | CO1 | 6+7+7 |
| (OR) | | | | |
| 4. | a. | Outline the traditional session tracking techniques. | CO3 | 10 |
| b. | Write a program to retrieve the records from employee database using Java servlets and JDBC. | CO1 | 10 |
|  | | | | |
| 5. |  | Clarify RSA algorithm steps with an example. | CO3 | 20 |
| (OR) | | | | |
| 6. | a. | Explain different types of Firewall with relevant diagrams. | CO3 | 10 |
| b. | With a neat diagram, explain how a session is set up between a web client and a web server using SSL handshake protocol. | CO2 | 10 |
|  |  |  |  |  |
| 7. | a. | Elucidate IPSec protocol. | CO2 | 16 |
| b. | Brief the lifecycle of an Aglet. | CO2 | 4 |
| (OR) | | | | |
| 8. |  | How do WAP and XML play an important role for building a web-based E-commerce system? | CO1 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Explain in detail internet advertising techniques and strategies. | CO2 | 10 |
| b. | What are the types of tests included in the quality assurance of the E-Commerce application? | CO2 | 10 |