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

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

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| **Code :** | **14CS2018** | **Duration :** | **3hrs** |
| **Sub Name:** | **ETHICS IN INFORMATION TECHNOLOGY** | **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. | Why fostering good business ethics is important? Summarize your answer. | CO1 | 10 |
| b. | Do you think that the importance of ethical behavior in business is increasing or decreasing? Express your answer. | CO1 | 5 |
| c. | Discuss about the various steps to ensure ethical decision making on organizations. | CO1 | 5 |
| (OR) | | | | |
| 2. | a. | What relationships must an IT worker manage ? what are the key ethical issues can arise in each? Explain with an example. | CO1 | 12 |
| b. | Define professional malpractice. Can an IT worker be sued for professional malpractice? Why or Why not? Justify your answer. | CO1 | 8 |
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| 3. |  | What are the most common types of computer security attacks? What actions must be taken in response to a security incident? Discuss about various prevention mechanism. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Describe in detail about various privacy and anonymity issues with an example for each. | CO2 | 20 |
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| 5. |  | Discuss in detail about the key important freedom of expression issues related to the use of information technology? | CO3 | 20 |
| (OR) | | | | |
| 6. | a. | What is plagiarism? List some actions that schools can take to combat student plagiarism. | CO3 | 7 |
| b. | Define reverse engineering. What issues are associated with applying it to create a lookalike of a competitor’s software program? | CO3 | 7 |
| c. | Discuss about the various strategies that an organization use to protect from cybersquatting. | CO3 | 6 |
|  |  |  |  |  |
| 7. | a. | Elaborate on the essential components of a software development methodology along with its benefits. | CO4 | 10 |
| b. | What is a safety-critical system? Discuss about various actions that are used during its development. | CO4 | 10 |
| (OR) | | | | |
| 8. |  | Describe in detail about the various impact of Information Technology on the standard of living, worker productivity and quality of life. | CO4 | 20 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Discuss about the business applications of online social networking. | CO5 | 10 |
| b. | Describe about key ethical issues associated with the use of social networking web sites. | CO5 | 10 |