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



**End Semester Examination – Nov / Dec – 2019**

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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. |  | Discuss how to create an ethical work environment in an organization. | CO1 | 20 |
| **(OR)** | | | | |
| 2. |  | Describe the Professional relationship that an IT worker must manage with employer and clients. | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | Explain the various approaches for ethical decision making process. | CO2 | 20 |
| **(OR)** | | | | |
| 4. | a. | You are a member of the IT security support group of a large manufacturing company. You have been awakened late at night and informed that someone has defaced your organization’s website and also attempted to gain access to computer files containing information about a new product currently under development. Explain the necessary action that could be taken and your efforts to identify the hacker. | CO1 | 10 |
| b. | Explain the different types of perpetrators and kinds of exploits that can occur on a vulnerable corporate IT organization. | CO1 | 10 |
|  |  |  |  |  |
| 5. | a. | Describe the key privacy and anonymity issues that are prevalent in any organization. | CO3 | 10 |
| b. | Paraphrase about the primary perpetrators of computer crime and their objectives. | CO2 | 10 |
| **(OR)** | | | | |
| 6. | a. | Discuss why law enforcement agencies should be able to use advanced surveillance technology to deter crime. | CO2 | 10 |
| b. | Write short notes on the concept of crime and Information Technology Act 2000. | CO2 | 10 |
|  |  |  |  |  |
| 7. |  | Your friend is considering using an online service to identify people with compatible personalities and attractive physical features who would be interesting to date. Your friend must first submit some basic personal information, then complete a five-page personality survey, and finally provide several recent photos. Justify whether you will advise your friend to do this. | CO3 | 20 |
| **(OR)** | | | | |
| 8. | a. | Describe why companies require high-quality software in business systems, industrial process control systems, and consumer products. | CO3 | 10 |
| b. | Paraphrase the ethical issues in using social networking applications. | CO3 | 10 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Explain the essential components of a software development methodology and also the benefits of using such a methodology. | CO3 | 10 |
| b. | Discuss trade secrets and describe any 3 key intellectual property issues. | CO1 | 10 |