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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – April/May– 2017**

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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. | Discuss the decision-making process further and point out where and how ethical considerations need to be brought into the process. | CO5 | 10 |
| b. | Illustrate five good reasons for promoting a work environment in which employees are encouraged to act ethically when making business decisions. | CO5 | 10 |
| (OR) | | | | |
| 2. | a. | Write the relationships between IT workers with employers and clients. | CO1 | 10 |
| b. | State the principles and core values that are essential to the work of a particular occupational groups.. | CO3 | 5 |
|  | c. | List out seven forces that are changing the nature of the professional services. | CO1 | 5 |
| 3. | a. | Explain the process of assessing security-related risks to an organization’s computers and networks from both internal and external threats. | CO2 | 12 |
|  | b. | Point out some of the protective measures that an organization must follow to secure the computers from internal network and internet attack. | CO2 | 8 |
| (OR) | | | | |
| 4. | a. | Discuss few current and important privacy issues including identity theft, electronic discovery, consumer profiling and advance surveillance technology. | CO2 | 15 |
|  | b. | Discuss the statement “The right to be left alone—the most comprehensive of rights, and the right most valued by a free people”, along with its types. | CO2 | 5 |
| 5. | a. | Indicate some of the important freedom of expression issues related to the use of information technology. | CO5 | 15 |
|  | b. | Write down the types of speech are are not protected by the First Amendment and may be forbidden by the government. | CO4 | 5 |
| (OR) | | | | |
| 6. | a. | Identify and briefly discuss three key advantages that trade secret law has over the use of patents and copyrights in protecting intellectual property? Are there any drawbacks with the use of trade secrets to protect intellectual property? | CO3 | 15 |
|  | b. | Summarize few trade secret laws which has several key advantages over the use of patents and copyrights in protecting companies from losing control of their intellectual property. | CO3 | 5 |
| 7. | a. | Describe why companies require high-quality software in business systems, industrial process control systems, and consumer products. | CO4 | 10 |
|  | b. | Explain the essential components of a software development methodology and also the benefits of using such a methodology. | CO5 | 10 |
| (OR) | | | | |
| 8. | a. | Explain in brief why do companies require high-quality software in business systems and explain its development process? | CO3 | 15 |
|  | b. | Describe the role of a Whistle-blower. | CO1 | 5 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Illustrate some of the key ethical issues associated with the use of social networkingwebsites. | CO4 | 15 |
|  | b. | Write down the use of social networks in the hiring process. | CO5 | 5 |

ALL THE BEST