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 – Nov/Dec – 2017**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Code :** | **14CS2018** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ETHICS IN INFORMATION TECHNOLOGY** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Identify some of the steps we go through while making a decision including ethical considerations. | CO1 | 10 |
| b. | Discuss briefly why creating an ethical environment is important. | CO1 | 10 |
| (OR) | | | | |
| 2. |  | Explain the common ethical issues for the IT users. What are the several actions taken while creating an IT usage policy? | CO1 | 20 |
| 3. | a. | Explain the different types of exploits that can occur on a vulnerable corporate IT organization. | CO2 | 12 |
|  | b. | Classify the perpetrators of computer crime who is willing to take different levels of risk to accomplish an objective. | CO2 | 8 |
| (OR) | | | | |
| 4. | a. | Discuss the general security assessment with process diagram. | CO2 | 10 |
|  | b. | Discuss few current and important privacy issues including identity theft, electronic discovery, consumer profiling and advance surveillance technology. | CO2 | 10 |
| 5. | a. | What is Intellectual property? Elaborate any two intellectual properties with its key issues. | CO3 | 12 |
|  | b. | Write down the types of speech are not protected by the First Amendment and may be forbidden by the government. | CO2 | 8 |
| (OR) | | | | |
| 6. | a. | Identify and elaborate the 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 | 12 |
|  | b. | Are surveillance cameras worth cost in resources and loss of privacy, given the role that they play in deterring or solving crimes? | CO2 | 8 |
| 7. | a. | Explain the process of software development in detail. What are different types of testing that will be done to ensure the quality of the software? | CO1 | 12 |
|  | b. | Explain the essential components of a software development methodology and also the benefits of using such a methodology. | CO1 | 8 |
| (OR) | | | | |
| 8. | a. | Write five advantages and disadvantages of telework from the perspectives of employees and organizations. | CO3 | 12 |
|  | b. | What do you know about green computing? Describe the role of a Whistle-blower. | CO1 | 8 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Identify some of the common ethical issues that arise for the members of social networking websites. | CO3 | 12 |
|  | b. | Briefly discuss offshore outsourcing and its pros and cons with a suitable example. | CO2 | 8 |

ALL THE BEST