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 – 2016**

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|  |  | **Semester :** | **2016-17 ODD** |
| **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 briefly why crearting an ethical environment is important. | CO1 | 10 |
|  | b. | You are currently being considered for a major promotion within your company to vice president of marketing. In your current position as a manager of advertising, you supervise 15 managers and 10 hourly workers. As part of annual salary review process, you have been given the flexibility to grant your employees an average 4 percent annual salary increase; however, you are strongly considering a lower amount. This would ensure that you are able to control costs. How would you proceed? Use five step decision making process and discuss the above situations and recommend course of action. | CO1 | 10 |
| (OR) | | | | |
| 2. | a. | Describe the basic differences between Morals, Ethics and Laws. | CO1 | 4 |
| b. | Why computer Incident are so prevalent? | CO1 | 8 |
|  | c. | Write short notes on Improving corporate ethics. | CO2 | 8 |
| 3. | a. | Explain the different types of exploits that can occur on a vulnerable corporate IT organization. | CO2 | 14 |
|  | b. | Why do empolyers monitor workers?Do you think they should be able to do so? Why or why not? | CO2 | 6 |
| (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 web site and also attempted to gain access to computer files containing information about a new product currently under development? what are your steps? How much effort would you spend in tracking down the identity of the hacker? | CO2 | 10 |
|  | b. | List any Eight concept of cyber crime with section, offenses, description and penalties under IT act 2000in a table format. | CO1 | 10 |
| 5. | a. | What is Intellectual property? Elaborate the term copy rights and patent in intellectual properties. | CO3 | 12 |
|  | b. | Your friend is considering using an online service to identify people with compatible personalities and attractive physical features who interesting to date.Your friend submit some basic personal information, then complete a five-page personality survey and finally provide servral recent photos. Would you advise your friend to do this? | CO3 | 8 |
| (OR) | | | | |
| 6. | a. | You are interviewing for the role of human resource manager for a large software organization.Over the last year, the firm has lost a number of high-level executives who left the firm to go to work for competitors. During the course of your interview ,you are asked what measures you would put in place to reduce the potential loss of trade secrets from executives leaving the firm. How would you respond? | CO2 | 12 |
|  | b. | Discuss the ethical issues involved in Industrial standards? | 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? | CO4 | 12 |
|  | b. | Your company is considering using N-version programming with two software development firms and two hardware devices for the navigation system of a guided missile. Describe the scenario, and outline the several advantages and disadvantages of this approach. | CO4 | 8 |
| (OR) | | | | |
| 8. | a. | What do you know about green computing? | CO5 | 3 |
|  | b. | Emphasize the key issues in dealing trademark infringement and cybersquatting. | CO5 | 7 |
|  | c. | Suppose that you are the computer technical resource for country’s public library system. The library ismaking plans to install internet filtering software so that it will confirm to Children’s Internet Protection Act and be eligible for federal funding. What sort of objectives can you expect regarding implementation of internet filters? How might you deal with such objectives? | CO4 | 10 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Discuss the different business applications of online social networking briefly and list some ethical issues that arise for social networking like cyberbullying and cybertalking. | CO5 | 14 |
|  | b. | Write Short note on H1B Visa application process. | CO5 | 6 |

ALL THE BEST