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**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

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

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

**End Semester Examination – Nov/Dec - 2016**

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|  |  | **Semester :** | **2016-17 ODD** |
| **Code :** | **13IT202** | **Duration :** | **3 hrs** |
| **Sub. Name :** | **ETHICS IN INFORMATION TECHNOLOGY** | **Max. marks :** | **100** |

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| **Q. No.** | **Questions** | **Marks** |
| **PART-A(10X1=10 MARKS)** | | |
| 1. | Ethics is a set of beliefs about ---------------- behavior within a society. | (1) |
| 2. | What do you mean by whistle-blowing? | (1) |
| 3. | The process of assessing security-related risks from both internal and external threats to an  organization’s computers and networks is called -----------. | (1) |
| 4. | List the three rules included by Gramm-Leach-Bliley Act that affect personal policy. | (1) |
| 5. | Anonymous expression, or the expression of opinions by people who do not reveal their identities, has been found to be unconstitutional. Say True or False | (1) |
| 6. | The process of taking something apart in order to understand it, build a copy of it or improve it is called --------------. | (1) |
| 7. | The provision of multiple interchangeable components to perform a single function to cope  with failures and errors is called ------------.  a. risk b. redundancy c. reliability d. availability | (1) |
| 8. | Provide any two health information websites that offer information on a variety of medical related topics. | (1) |
| 9. | Define viral marketing. | (1) |
| 10. | Products are ranked in EPEAT according to three tiers of environmental performance, with ------------ being the highest. | (1) |

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| **PART B(5 X 3= 15 MARKS)** | | |
| 11. | Classify perpetrators of computer crime with their objectives. | (3) |
| 12. | Mention the professional code of ethics that produces benefits for the individual, the profession, and society as a whole. | (3) |
| 13. | Why would firms or individual developers create open source code if they do not receive money for it? Mention the reasons. | (3) |
| 14. | Discuss on the component of telehealth that provides medical care to people at a location different from the healthcare providers. | (3) |
| 15. | In order to improve the chances for successful offshore outsourcing project, what are the factors a company must evaluate on the outsourcing firm? | (3) |

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| **PART C(5 X 15= 75 MARKS)** | | |
| 16. | Describe the general decision-making process that we execute when we face difficult situations in our work, and point out where and how the ethical considerations need to be brought into the process. | (15) |
| (OR) | | |
| 17. | Discuss a few common ethical issues for IT users and the actions companies take when creating an IT usage policy. | (15) |
| 18. | Explain the general risk assessment process and illustrate a risk assessment for a hypothetical organization. | (15) |
| (OR) | | |
| 19. | Explain in detail the various privacy laws that protect people from their financial data, health information, children’s personnel data and electronic surveillance |  |
| 20. | If you are appointed as manger for handling the freedom of expression issues in the workplace, how will you deal with the issues? Provide your checklist for the same. | (15) |
| (OR) | | |
| 21. | Briefly discuss the key advantages that trade secret law has over the use of patents and copy rights in protecting intellectual property. Also discuss on the role of employees in maintaining the secrecy of corporate information. | (15) |
| 22. | 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. Briefly describe what this means, and outline the pros and cons of this approach. | (15) |
| (OR) | | |
| 23. | If an organization permits telework position to its employees in which they would work from home three or four days per week, what are the advantages and disadvantages of telework from the perspectives of employees and organization? | (15) |
| 24. | Discuss the common ethical issues that arise for members of social networking websites such as cyberbullying, cyberstalking and the uploading of inappropriate material. | (15) |
| (OR) | | |
| 25. | Two people working together in the same company may have different concerns that cause them to react in different ways to a particular situation, and both reactions might be ethical. How to deal with a whistle blowing situation. Provide a general sequence of events and highlight the issues that a potential whistle blower should consider. | (15) |

ALL THE BEST