B.E. (Computer Science & Engineering (New)) Third Semester (C.B.S.)
Ethics in IT

P. Pages : 2

NRJ/KW/17/4380

Time : Three Hours

0510

Max. Marks : 80

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Notes : 1. All questions carry marks as indicated.
2. Solve Question 1 OR Questions No. 2.
3. Solve Question 3 OR Questions No. 4.
4. Solve Question 5 OR Questions No. 6.
5. Solve Question 7 OR Questions No. 8.
6. Solve Question 9 OR Questions No. 10.
7. Solve Question 11 OR Questions No. 12.
8. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) What is ethics? Why fostering good business ethics is important? **6**

b) Give the meaning of compliance and how does it help to promote the right behaviour and discourage undesirable ones. **7**

OR

2. a) What approach can you take to ensure ethical decision making? **6**

b) What trends have increased the risk of using information technology in unethical manner? **7**

3. a) Why has there been a dramatic increase in the number of computer related security incidents in recent years? **6**

b) What are the most common types of security attacks? **8**

OR

4. a) What is risk assessment? Explain general security model for risk assessment. **8**

b) Point out the difference between industrial spying and gathering competitive intelligence? Is the use of competitive intelligence ethical or unethical? Why? **6**

5. a) What is identity theft? Discuss the techniques used by identity thieves. **6**

b) Bring out various strategies for consumer profiling, and what are associated ethical issues? **7**

OR

6. a) Give the capabilities of advanced surveillance technologies, and what ethical issues do they rise. **7**

b) List key issues related to freedom of expression, Discuss. **6**

7. a) Identify essential component of software development methodology, What are the benefits using such methodology? **6**

b) How can capability maturity model integration improves organization software development process? **7**

OR

8. Write notes on : **13**

   i) Copyright

   ii) Patent

   iii) Trade Secret

9. a) What are contingent worker? How are they employed in information technology industry? **7**

   b) Narrate whistle - blowing and what ethical issues are associated with it. **6**

OR

10. a) Briefly discuss the advantages and disadvantages of using H - 1 B workers. What ethical issues surround the use of these workers? **7**

    b) What is green computing? What organizations doing to support this initiative? **6**

11. a) Give the advantages of teleworking for **7**

    i) Organization

    ii) Employee

    b) How digital divide can be eliminated through various programs? **7**

OR

12. a) What impact can II have an improving the quality of health care and reducing its cost? **7**

    b) Write short notes on Telemedicine. **7**

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