Winter 2014   **SRK/KW/14/6958**

Faculty of Engineering & Technology
Third Semester B.E. (Computer Science & Engineering) (CBS) Examination
ETHICAL IN IT
Paper—IV

Time—Three Hours]　　　　　　　[Maximum Marks—80

INSTRUCTIONS TO CANDIDATES

(1) All questions carry marks as indicated.

(2) Assume suitable data wherever necessary.

(3) Illustrate your answers wherever necessary with the help of neat sketches.

1. (a) What are organizations doing to improve their business ethics ?　　6

   (b) Why are organization interested in fostering good business ethics ?　　7

OR

2. What relationships must an IT worker manage and what key ethical issues can arise in each ?　　13

3. (a) What are the most common types of computer security attacks ? 7

(b) Who are the primary perpetrators of computer crime and what are their objectives ? 7

OR

4. (a) What are the key element of a multilayer process for managing security vulnerabilities based on the concept of reasonable assurance ? 7

(b) What action must be taken in response to a security incident ? 7

5. (a) What is identity theft, and what techniques do identity thieves use ? 7

(b) What must organizations do to treat consumer data responsibly ? 6

OR

6. (a) How to control access to information on the internet ? 7

(b) Explain Corporate Blogging with example. 6

7. (a) What are the strengths and limitations of using copyrights, patents and trade secret laws to protect intellectual property ? 7

    (b) What is plagarism and what can be done to combat it ? 6

OR

8. (a) What are the essential components of a software development methodology and what are the benefits of using such a Methodology. 7

    (b) How can the Capability Maturity Mode Integration improve an organization software development process. 6

9. (a) What impact has IT had on the standard of living and worker productivity ? 7

    (b) What is being done to reduce the negative influence of the digital divide ? 7

OR

10. (a) Explain in detail electronic health records with example. 7

(b) How can one make use of Mobile and Wireless Technology in the Healthcare Industry ?   7

11. (a) What are contingent workers and how are they employed in the information technology industry. 7

(b) What is whistle-blowing and what ethical issues are associated with it ?   6

OR

12. (a) What are H-1B workers and how are they employed in the information technology industry ?   7

(b) What is outsourcing ? Discuss advantages and disadvantages of offshore outsourcing.   6