B Tech Third Semester (Computer Science & Engineering) (C B C S) Winter 2022
Ethics in IT

P Pages 2

Time Three Hours

SPM/KW/22/2533

Max Marks 70

Notes 1. All question 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. Due credit will be given to neatness and adequate dimensions:

8. Assume suitable data whenever necessary.

9. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) What is ethics and why is it important to act according to a code of ethics?

b) What factors are transforming the professional services industry?

OR

2. a) Give the meaning of compliance and how does it help to promote the right behaviour and discourage undesirable ones?

b) What approach can you take to ensure ethical decision making?

3. a) What is the basis for the protection of freedom of Expression in the United States and what types of Expression are not protected under the law?

b) What must organization do to treat consumer data responsibly?

OR

4. a) What is identity theft and what technique do identity thieves use?

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

5. a) How can the capability maturity model integration improve an organization software Development process.

b) What we should do to fight a cyber squatter?

OR

6. a) What is safety critical system and what special actions are required during its development?

b) Write short notes on :

i) Software Patents

ii) Reverse Engineering

7. a) Narrate whistle-blowing and what ethical issues are associated with it.

b) What are contingent workers? How are they employed in information technology industry?

OR

8. a) What is Green computing and what is organization doing to support this initiative?

b) Define H-1 B visa. Enlist various steps in H-1 B application process.

9. a) What is being done to reduce the negative influence of digital divide?

b) What impact does IT have on standard of living and worker productivity?

OR

10. a) Explain in detail electronic Health records with example.

b) Comments on ethical issues in "Because some entities can afford to make significant Investment while others cannot and thus are blocked in their efforts to raise productivity".