

Faculty of Engineering & Technology
Third Semester B.E. (Information Technology)
(C.B.S.) Examination
ETHICS IN INFORMATION TECHNOLOGY
Paper-3

Time—Three Hours]

[Maximum Marks—80

INSTRUCTIONS TO CANDIDATES

- (1) All questions carry marks as indicated.
- (2) Answer **SIX** questions.
1. (a) What is ethics, and why is it important to act according to a code of ethics ? 6
- (b) Why are organizations interested in fostering good business ethics ? 7

OR

2. (a) What approach can you take to ensure ethical decision making ? 7
- (b) What factors are transforming the professional service industry. 6
3. (a) Explain various factors causing increase in the number of computer related security incidents in recent years ? 7
- (b) What are the most common types of computer security attacks ? 7

OR

4. (a) Who are the Primary Perpetrators of computer crime, and what are their objectives. 7
- (b) What are the key elements of a multilayer process for managing security vulnerabilities based on the concept of reasonable assurance? 7
5. (a) What is identity theft and what techniques do identity thieves use? 7
- (b) What are the various strategies for consumer profiling and what are the associated ethical issues? 6

OR

6. Write notes on :
- (i) Anonymity on the Internet
- (ii) Defamation and Hate speech
- (iii) Corporate Blogging. 13
7. What are different key issues that apply to intellectual property and information? Explain in detail. 14

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 Model integration improve an organization's software development process. 7

9. (a) What are contingent workers and how are they employed in the information technology industry ? 7
- (b) Define H-1B visa. Enlist various steps in H-1B application process. 6

OR

10. (a) Describe effective whistle-blowing process ? 7
- (b) What is Outsourcing ? Also discuss Pros and Cons of offshore outsourcing. 6
- ✓ 11. (a) What impact has IT had on the Standard of living and productivity of the worker ? 7
- (b) What measures are taken to reduce the negative influence of the digital divide ? 6

OR

- ✓ 12. (a) Explain in detail electronic health record with example ? 7
- (b) How the use of mobile and Wireless Technology helped the Health Care Industry to improve ? 6