

RVK/KW/13 - 6596

Third Semester B. E. (Info. Tech)
(C. B. S.) Examination

ETHICS IN INFORMATION TECHNOLOGY

Paper - 3

Time : Three Hours]

[Max. Marks : 80

N. B. : (1) All questions carry marks as per indication.
(2) Answer six questions.

1. (a) Narrate common ethical issues for IT users with respect to :—
- (i) Software piracy
 - (ii) Inappropriate use of computing resource
 - (iii) Inappropriate sharing of information. 7
- (b) Describe four common approach to ethical decision making. 6

OR

2. (a) What trends have increased risk of using information technology in an unethical manner ? 6
- (b) Enlist most frequent areas of resume falsehood or exhaggeration. 4
- (c) Differentiate between bribe and gift. 3
3. (a) Elaborate most common types of security attacks. 8

- (b) What is risk assessment ? Explain general security model for risk assessment. 6

OR

4. (a) Highlight the difference between industrial spying and gathering competitive intelligence. Is the use of competitive intelligence ethical or unethical ? Why ? 6
- (b) Should the use of span to promote product or service ever be employed by legitimate organization ? Why or why not ? 4
- (c) Give difference between cybercriminal or cyberterrorist. 4
5. (a) What are recommendations for safeguarding identity data ? 5
- (b) Point out various strategies of consumer profiling and what are associated ethical issues. 8

OR

6. (a) State first ammendment Right. 3
- ✓ (b) Write short note on Defamation and Hate speech. 5
- ✓ (c) Write down Childrens' Internet Protection Act (CIPA). How school and libraries subject to CIPA act. 5
7. (a) Write short notes on :—
- ✓ (i) Reverse Engineering. 8
- (ii) Plagiarism.

- (b) Define testing. Compare black box testing with white box testing. 6

OR

8. (a) How can capability maturity model integration (CMMI) improves an organization software development process. Elaborate five levels of CMMI. 7
- (b) What are the key issues in software development processes ? Explain. 7
9. (a) What are contingent workers. Point out advantages and disadvantages of contingent worker. 6
- (b) Define H-1B visa. Enlist various steps in H-1B application process. 7

OR

10. (a) Highlight key issues that a potential Whistle blower should consider. 8
- (b) Describe various ways of employing contingent workers in IT industry. 5
11. (a) Write down advantages and disadvantages of teleworking for employees. 6
- (b) Define telemedicine. Illustrate :—
- (i) Store and forward Telemedicine.
- (ii) Live Telemedicine. 7

OR

12. (a) Identify and briefly discuss **three** good reasons why it is important to bridge digital divide ?

5

(b) Write short notes on :—

(i) E-Rate program

(ii) One laptop per child (OLPC)

(iii) Classmate

(iv) Ece laptop

8