[Time: Three Hours] **[Marks:75]**

Please check whether you have got the right question paper.

N.B: 1. All questions are compulsory.
2. Answers to the two sections must be written in same answer book and should be submitted together
3. Write answers to same questions together
4. Mixing of sub-questions is not allowed.

SECTION I

Q.1 A)	Explain the testing process of Rapid Application Development (RAD).	06
B)	Write all the functions of test team.	07

OR

Q.1 A)	Explain the three step process for using a manager to manage the use of IT tools.	06
B)	With the help of workbench explain the process of testing a client server system.	07

Q.2 A)	Explain the economics of testing with the help of "testing cost curve".	06
B)	Explain in detail the Design Phase Testing step with workbench diagrams.	07

OR

Q.2 A)	Explain how to select the appropriate testing tools.	06
B)	What are the test methodologies? Explain.	07

Q.3 A)	Explain the methods used to establish a testing policy.	06
B)	How the testing department reports test results to the development team and management.	06

OR

Q.3 A)	Explain the PDCA strategy/concept used in the software development process.	06
B)	What is the difference between defects and failures?	06

SECTION II

Q.4 A)	Explain the different method of defense in information security.	06
B)	Explain the following:	07
	1. Salami Slice Attack	
	2. Trap Doors	

OR

Q.4 A)	What are the different types of flaws? Why we do not have techniques to eliminate or address program security flaws?	06
B)	What is meant by vulnerabilities? Explain in details the various categories of vulnerabilities.	07

Q.5 A)	Explain in detail various memories and address protection technique.	06
B)	What are the attacks on password? Explain password selection criteria.	06

OR

Q.5 A)	What is sensitive data? What are the factors that make a data sensitive?	06
B)	What is Biometrics authentication? Explain advantages and problem with Biometrics authentication.	06

Q.6 A)	What is meant by Contingency planning? What are the various measures to be taken after the crisis occur?	06
B)	Explain the aspect of computer security.	06

OR

Q.6 A)	How can we protect the program by copyright law? Explain the benefits and limitations of implementing copyright law.	06
B)	Explain copyright for digital objects.	06