(3 Hours) Total Marks: 75

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)	Write a note on: (i) failure (ii) defects (iii) workbench	6
	(B)	With the help of workbench explain the process of testing a client server system.	7

OR

Q.1	(A)	List and explain the concept of application fit.	6
	(B)	What are the objectives of appointing a tool manager? List the three steps used by manager to manage the use of IT tools.	7

Q.2	(A)	What is the difference between testing techniques and tools?	6
	(B)	Explain in detail the test analysis document.	7

OR

Q.2	(A)	How to select the software development project team?	6
	(B)	Explain the tasks involved in testing system security.	7

Q.3	(A)	List and explain any four test factors.	6
	(B)	Write a short note on V-concept of testing.	6

OR

Q.3	(A)	List and explain the criteria for testing policy.	6
	(B)	Write a short note on Economics of testing.	6

SECTION – II

Q.4	(A)	Explain the various types of computer criminals.	6
	(B)	Write a note on: (i) Worm (ii) Logic Bomb (iii) Trojan Horse	7

OR

Q.4	(A)	How can we provide user authentication? Give example.	6
	(B)	Explain the different designs for multilevel secure databases.	7

Q.5	(A)	Describe any three types of threats with an example.	6
	(B)	Define the following terms: (i) Copyright (ii) Tort Law	6

OR

Q.5	(A)	Explain the concept of segmentation is OS memory management.	6
	(B)	What makes a network vulnerable? Explain the architecture of network security control.	6

Q.6	(A)	What are the various steps involved with rick analysis? Explain each step in detail.	6
	(B)	Explain boot sector virus and memory resident virus with their effects of infection.	6

OR

Q.6	(A)	Write a note on : (i) IP Spoofing (ii) DDOS	6
	(B)	Explain the concept of VPN (virtual private network).	6

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VA-Con. 1194-17.