

INSTITUTE OF COST AND MANAGEMENT ACCOUNTANTS OF PAKISTAN



Fall (Winter) 2009 Examinations

Thursday, the 19th November 2009

INFORMATION SYSTEMS & I.T. AUDIT – (S-602)

STAGE-6

Time Allowed – 2 Hours 45 Minutes

Maximum Marks – 56

- (i) Attempt ALL questions.
- (ii) Answers must be neat, relevant and brief.
- (iii) In marking the question paper, the examiners take into account clarity of exposition, logic of arguments, presentation and language.
- (iv) Read the instructions printed on the top cover of answer script CAREFULLY before attempting the paper.
- (v) DO NOT write your Name, Reg. No. or Roll No. anywhere inside the answer script.
- (vi) There will also be a computer based practical examination of 10 marks and presentation of a project of 20 marks, which form the part of this paper.
- (vii) Question No.1 – “Multiple Choice Question” printed separately, is an integral part of this question paper.

SECTION – “A”		MARKS
Q.2 (a)	Information systems are designed to support decision-making and management performance in one way or another. Identify and explain each step involved in decision-making process with the help of process flow diagram.	08
(b)	How are social context and nonverbal communication important when communication technologies are used?	06
Q.3 (a)	Describe the main uses of high-level, fourth-generation, object-oriented, and web-oriented programming languages and tools.	08
(b)	Define the elements of a work system framework with the help of a diagram.	06
SECTION – “B”		
Q.4 (a)	IS auditors appreciate a well-managed IS department to achieve the organization's objectives. An effective IS department includes information systems management practices such as personal management, sourcing and IT change management. Explain these in detail.	08
(b)	What are the typical physical access controls employed by different organizations having sufficient IT assets and specific budgets allocated for their protection?	06
Q.5 (a)	A medium-sized company is operating in a client-server environment to establish a link with its several branches to the head office located in the same city. How can an IS auditor ensure security of this client-server environment? Enumerate.	06
(b)	Control Self-Assessment (CSA) can be defined as a management technique. Explain. What are the benefits and disadvantages of CSA? Define IS auditor's role in implementation of CSA.	08

THE END