INSTITUTE OF COST AND MANAGEMENT ACCOUNTANTS OF PAKISTAN

Summer (May) 2011 Examinations

Thursday, the 26th May 2011

INFORMATION SYSTEMS & I.T. AUDIT – (S-602)
STAGE-6

Time Allowed – 2 Hours 45 Minutes	**Maximum Marks – 56**	**Roll No.:**

(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 inside 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.

(viii) **Question Paper must be returned to the invigilator before leaving the examination hall.**

MARKS

SECTION – "A"

Q. 2 (a) Information systems are the tools for decision-making. Each type of information system supports both communication and decision-making in a number of ways. Explain in detail system types and its impact on communication and decision-making. **6**

(b) (i) Define each of the process performance variables. Describe how an information system can improve performance related to each of these variables? **5**

(ii) What are the phases of building and maintaining a system? **5**

Q. 3 (a) A computer system finds stored data either by knowing its exact location or by searching for the data. Different DBMSs contain different internal methods for storing and retrieving data. Explain sequential access, direct access, and indexed access methods for accessing data in a computer system. **6**

(b) Define each of the five levels of integration. What kinds of problems sometimes result from tight integration? **6**

SECTION – "B"

Q. 4 (a) IS auditors' conclusions must be based on sufficient, relevant and competent evidence. Explain. Enumerate the determinants for evaluating the reliability of audit evidence. **5**

(b) What are the project phases of physical architecture analysis? Explain. Different project phases are involved in planning the implementation of infrastructure. Discuss each phase. **6**

PTO

Q. 5 (a) Control self assessment (CSA) is a management technique. Illustrate. What are the objectives of CSA? Highlight benefits and disadvantages of CSA. **6**

(b) (i) Testing is an essential part of the development process. An IS auditor plays a preventive role in the testing process. Enumerate the elements of a software testing process. Also explain the classifications of testing. **6**

(ii) Contrast corporate governance and I.T Governance. Explain the role of audit in IT Governance. **5**

THE END