INSTITUTE OF COST AND MANAGEMENT ACCOUNTANTS OF PAKISTAN

Fall (Winter) 2008 Examinations

Wednesday, the 19th November 2008

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.

MARKS

SECTION –"A"

Q.2 (a) With technology being getting advanced, purchasing over the internet has become a norm. A successful e-commerce system must address many stages consumers experience in the sales life cycle. Discuss the multi-stage model for purchasing over the internet in detail with the help of illustration. **10**

(b) There are number of challenges that must be overcome for a company to convert its business processes from the traditional form to e-commerce processes. Elaborate the challenges with examples. **4**

Q.3 (a) How does enterprise software work? Name some business processes supported by enterprise software. Why are enterprise systems difficult to implement and use effectively? Name at least three (03) commonly known popular ERP solution platforms. **4**

(b) How have the value chain and competitive forces models changed as a result of the internet and the emergence of digital firms? Briefly discuss. **4**

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(c) There were few actions by major hardware and software vendors in the past that initiated discussion about the need for consumers to be on guard to protect their privacy. Describe and discuss at least two most important cases in this regard. **6**

SECTION –"B"

Q.4 (a) Why the test of Disaster Recovery and Business Continuity Planning is so important? What are the important elements to be considered and what tasks should be accomplished by such test? **7**

(b) Why are digital signatures and digital certificates important for electronic commerce? What are three major issues when a certificate is needed to be revoked? Also describe a CRL. **4**

(c) What are controls? Distinguish between general controls and application controls. **3**

Q.5 (a) It is a general belief that an IS auditor's conclusions must be based on sufficient, relevant and competent evidence. Elaborate the techniques for gathering evidence. **5**

(b) What is Artificial Intelligence System (AIS) and what are the major branches of (AIS)? Discuss expert systems along with their capabilities and characteristics limiting their current usefulness. **9**

THE END