# CERTIFIED PUBLIC ACCOUNTANT

# LEVEL 2 EXAMINATIONS

# <u>F2.3: INFORMATION SYSTEMS</u>

# THURSDAY: 11 JUNE 2015

## <u>INSTRUCTIONS:</u>

1. **Time Allowed: 3 hours 15 minutes** (15 minutes reading and 3hours writing).

2. This examination has **seven** questions and only **five** questions are to be attempted.

3. Marks allocated to each question are shown at the end of the question.

4. Show all your workings

## QUESTION ONE

a) Discuss the different levels of IT infrastructure **(6 Marks)**

b) With reference to a company of your choice, explain the management challenges posed.

   by IT infrastructure **(8 Marks)**

c) Using examples, write notes on software piracy **(6 Marks)**

**(Total 20 Marks)**

## QUESTION TWO

a) Define the term information systems **(2 Marks)**

b) Describe two types of reports that can be produced by an information system **(4 Marks)**

c) Describe five types of information system **(10 Marks)**

d) Identify two tips you would give your manager, who is developing an interview for a systems needs analysis. **(4 Marks)**

**(Total 20 Marks)**

## QUESTION THREE

Your uncle has started a new company and has some millions to invest in IT on buying hardware and software. However, he has heard that there are other alternatives based on cloud technologies solution. As an expert in IS, explain to him extensively about four benefits of cloud solutions and four challenges associated with them. **(Total 20 Marks)**

## QUESTION FOUR

Many organizations are computerizing their databases and this has a positive impact on their businesses. However, some organizations prefer traditional filing system. Discuss at least four arguments for and against database management system. **(Total 20 Marks)**

## QUESTION FIVE

(a) Write short notes on the following terms:

i) Search Engine

ii) Internet **(3 Marks)**

(b) Explain the advantages and disadvantages of E-Commerce to a business and the economy **(10 Marks)**

(c) Assume you are working for a company that is planning to launch a new product in the e-market. The company has opted to use e-shop tool. Describe and explain all the features for an e-shop. **(7 Marks)**

**(Total 20 Marks)**

## QUESTION SIX

a) The back-up storage usually supplements main memory which is expensive, limited in capacity and stores data temporarily. What are the features of back-up storage?                                    **(3 Marks)**

b) What are the features of Non- Impact printers.                                    **(2 Marks)**

c) Define the following terms as used in Databases.

i) Field

ii) Record                                    **(3 Marks)**

d) Discuss three advantages and three disadvantages for establishing a limited list of general purpose Software products that employees may use within a company.                                    **(6 Marks)**

e) Discuss the factors to consider when choosing an output media                                    **(6 Marks)**

**(Total 20 Marks)**

## QUESTION SEVEN

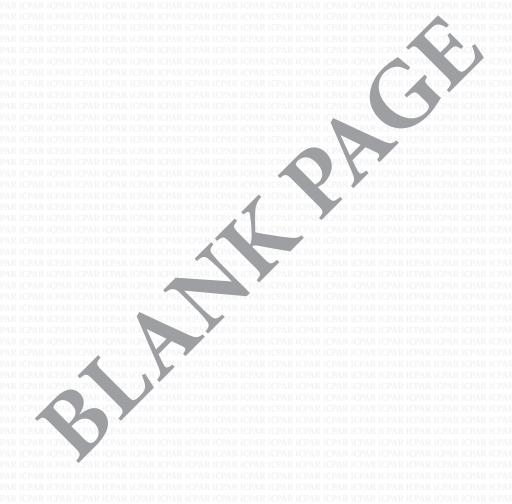a)     Illustrate how Domain Name and IP addressing Systems work.                                    **(10 Marks)**

b)     Discuss the concept of  knowledge Management and the steps involved in knowledge

       Management                                    **(10 Marks)**

**(Total 20 Marks)**

# End of question paper

BLANK PAGE