

THE OPEN UNIVERSITY OF SRI LANKA
 DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
 B.Sc. DEGREE PROGRAMME 2014/2015
FINAL EXAMINATION
CPU3148: MANAGEMENT INFORMATION SYSTEMS
DURATION: TWO HOURS ONLY (2 HOURS)



23rd October, 2015

Time: 1.30 p.m. to 3.30p.m.

Answer **FOUR** Questions **ONLY**.

Q1).

Using suitable examples, discuss internal and external factors an organization should take into account when producing its IS strategy.

Q2).

- a) Explain, why it is important for a company to ensure that any MIS development is in line with its corporate strategy.
- b) Explain how Executive Support Systems (ESS) can be used by senior management to monitor the achievement of its corporate strategy.

Q3).

- a) Briefly describe all major stages involved in the information system development process.
- b) Briefly explain with examples the difference between Traditional systems development life cycle and Prototyping.
- c) State advantages and disadvantages of an “Application Software Package” than the “Customized Software Package”.

Q4).

- a) Describe what factors would need to be considered and included in a feasibility report for an information systems development project.
- b) After the feasibility report has been approved, discuss the stages and techniques that will be used to design and develop this system.
- c) What is the purpose of CASE tools?

Q5).

With increasing use of Social Networks, there are reports that companies are monitoring their employees on Social Media sites

- a) In this context, discuss what is meant by the following terms:
 - i) Ethics
 - ii) Social networking
- b) Do you agree or disagree with companies monitoring their employees’ activities on social networking sites and discuss why a company might do so?

Q6).

- I. - *Most systems use usernames and passwords as their primary authentication mechanism.*
- a) Discuss what rules you would use for the creation of passwords.
 - b) How would you enforce what you have recommended in a) above?
- II. How can an organization enhance its web site that is used primarily by users who are visually impaired?

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