

**UvaWellassa University of Sri Lanka  
Faculty of Animal Science & Export Agriculture  
BSc in Export Agriculture Degree Programme**



**Year III Semester II  
End Semester Examination - January/February 2016**

**EAG 327-2 Management Information System**

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**Instructions**

No. of questions : Four (04)  
No. of pages : Two (02)  
Time : Two hours (2hrs)  
Total marks allocated : 100  
Answer **all questions**.

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01. Management Information Systems (MIS) not only include software systems, but the entire set of business processes and resources that are used to pull together information from functional or tactical systems. Data is then presented in a user-friendly and timely manner so that mid and upper-level managers can use it to take the right actions.

- i) What is a Management Information System? (7 Marks)
  - ii) Briefly explain the components of an information system with suitable examples. (8 Marks)
  - iii) How can information technology support a company's business processes and decision making, creating a competitive advantage? (10 Marks)
- (Total Marks-25)

02. Information System (IS) failure has been a debatable topic among academics and also organizations have been struggling to improve the success rate for information system implementation projects over the past decades.

- i) Why do Information Systems Fail? (7 Marks)
  - ii) How can managers/ IT managers reduce the likelihood of system failures? (8 Marks)
  - iii) "Building systems today is much complicated than it did in the past". Comment. (10 Marks)
- (Total Marks-25)

03. The Systems Development Life Cycle (SDLC) is a conceptual model used in project management that describes the stages involved in an information system development project, from an initial feasibility study through maintenance of the completed application.

- i) Briefly explain the stages of System Development Life Cycle (SDLC). (10 Marks)
- ii) Briefly explain three (03) methods to develop a system? (6 Marks)
- iii) What are the advantages and disadvantages of choosing external employees from another organization or contractors to develop the system? Justify your answer.

(9 Marks)

(Total Marks-25)

04. It is very difficult to imagine how any business could operate during this time without the use of the internet. The development of the internet has significantly altered the day to day operations of a business; including how they communicate with each other and their audience.

- i) Briefly explain the significance of the Internet and its role in changing business Strategies, Structures and the Business Environment. (9 Marks)
- ii) Discuss the ways that Internet applications provide value to an organization and customers. (8 Marks)
- iii) Briefly explain both the strengths and the weaknesses of the Internet as a business resource. (8 Marks)

(Total Marks-25)