

Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Computer Science and Technology
300 level 1st Semester Examination – June/July 2017
IIT351-3 Management Information Systems



Instructions to candidates

Duration: Two (02) hours

Number of questions: Four (04)

Mark allocation: 100

Answer all questions

1.
 - a. Briefly explain why firms invest heavily in Information Systems. (10 mark)
 - b. "Information Systems can be defined from both technical and business perspectives". Discuss the technical perspective of Information Systems and how it differs from the computers. (15 mark)
2.
 - a. Explain why managers consider business processes when they plan to use Information Systems to enhance the business. (10 mark)
 - b. "Information Technology (IT) and organizations influence one another". Explain the two (02) way relationship between organizations and IT. (10 mark)
 - c. How do some firms become leaders within their industry? (5 mark)
3.
 - a. Briefly explain how a Database Management System solves the problems of the traditional file environment. (10 mark)
 - b. Discuss three (03) types of analytical tools which can be used to analyze captured and organized data by business intelligence technologies. (6 mark)
 - c. Briefly explain three (03) types of key networking technologies. (6 mark)
 - d. List three (03) services provided by the internet. (3 mark)
4.
 - a. Discuss the major risks associated with Information Systems in an organization and how you can establish a framework to control risks that you have mentioned. (15 mark)
 - b. Discuss the need for a Supply Chain Management System to improve business performance. (10 mark)

