

## **WARNING**

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Family Name	
Given Names	
Student Number	
Teaching Period	Semester 1, 2017

<b>FINAL EXAMINATION</b>	<b>DURATION</b>
<b>BIS351 – Business Intelligence in the Knowledge Economy</b>	Reading Time: <b>10</b> minutes
	Writing Time: <b>120</b> minutes

**INSTRUCTIONS TO CANDIDATES**

**EXAM CONDITIONS**

**You may begin writing from the commencement of the examination session.** The reading time indicated above is provided as a guide only.

This is a RESTRICTED OPEN BOOK examination

No calculators are permitted

One A4 sheet of handwritten single-sided notes permitted

No dictionaries are permitted

<b>ADDITIONAL AUTHORISED MATERIALS</b>	<b>EXAMINATION MATERIALS TO BE SUPPLIED</b>
No additional printed material is permitted	1 x 8 Page Book 1 x Scrap Paper

**THIS EXAMINATION IS PRINTED  
DOUBLE-SIDED.**

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**SECTION C**  
**Essay Questions total marks: 70**

**NOTE: Choose and answer ONLY 5 of the below 8 questions**

**Each question is 14 marks (total for 5 questions: 70 marks)**

- 1) What is the intent of the analysis of data that is stored in a data warehouse? (14 marks)
- 2) State four possible functions that a BI Competency Center (BICC) would serve within an organization, and give a brief description of each. (14 marks)
- 3) Briefly state some of the recently popularized concepts and technologies that will play a significant role in defining the future of data warehousing. (14 marks)
- 4) More data, coming in faster and requiring immediate conversion into decisions, means that organizations are confronting the need for real-time data warehousing (RDW). How would you define real-time data warehousing? (14 marks)
- 5) Distinguish between performance management and performance measurement. (14 marks)
- 6) Why has information visualization become a centerpiece in business intelligence and analytics? Is there a difference between information visualization and visual analytics? (14 marks)
- 7) What recent technologies may shape the future of data warehousing? Why? (14 marks)
- 8) What are the best practices in business reporting? How can we make our reports stand out? (14 marks)