**Case Study Question – IS260 (Business Information Systems)**

Chapter 11 : Business Intelligence and Knowledge Management

**Instruction** : Read Pages 377 to 378 of your textbook and answer the following questions. (This is worth **40 points**)

1. What is the name of the revolutionary technique in farming that Carl Deboer introduce to the crown in a workshop for farmers?
2. What is the goal of that revolutionary technology mentioned above in relation to the information being collected or how does the collected information used in their farming?
3. Before precision farming what kind of activity that he did in order to gather information on his farm?
4. But now with precision farming how does he use this gathered information in terms of the differences between fields?
5. What kind of Information System that Carl used in order to map his farm?
6. And what does the above technology do in relation to the data collected?
7. Could you input data in yourself in the data collection devices? If yes, what kind of data being inputted?
8. What are the two ways the data being collected through GIS and on-the-go weed detection system use for?
9. After the Data is in the Warehouse what does he (and it) do next?
10. What Data Mining application in the Data Warehouse he used (check Slides No. 6 and 8 or Pages 379-380 in your textbook for reference)? Give detail for each application on how he used it.