This statement, released three months prior to the examination, notifies candidates of topics and terminology not in the *Business management guide* that will be in the case study in the final examination. Candidates are to spend a maximum of five hours researching these topics and learning the terminology. Topics in this statement build on those contained in the syllabus. The primary aim is to assess candidates knowledge of important contemporary business topics that could not have been anticipated when the guide was written.

The case study for the specimen papers is related to:
• precision agriculture
• the use of drones
• software and hardware development and sales.

Candidates are expected to have some basic familiarity with these topics, rather than comprehensive or exhaustive knowledge.

Additional terminology that candidates may want to know includes:
• aerial mapping
• cloud-based licensed software
• consultant
• hardware
• licensing agreement
• multispectral camera
• patch (a software patch)
• project manager/project management
• software
• software development.

The following page contains the first two paragraphs of the case study. Candidates should familiarize themselves with the context of the case study before the examination. Candidates will be given the full version of the case study in the examination, including these first two paragraphs.

Mapping Tech Ltd. (MT)

Mapping Tech Ltd. (*MT*), owned by Jackie Beasley, was founded in 2010. *MT* originally wrote software to help farmers use drones for aerial mapping, which allows for precision agriculture. With the information gathered from aerial mapping, farmers can determine which areas of their farms need more (or less) human attention, such as more (or less) fertilizer and what types of
5   fertilizer to use. Through precision agriculture, farmers can increase yields, lower costs and reduce the environmental impact of farming. Later, *MT* began to manufacture hardware related to precision agriculture.

Jackie founded *MT* when studying computer science at the University of Nebraska (UoN), located in Lincoln, Nebraska, United States of America (USA). One major focus of UoN is the
10   use of drones for precision agriculture. Jackie saw the benefits of aerial mapping as well as the positive impact that precision agriculture has on the environment: with the world's population growing and humans' total ecological footprint increasing, she believed that precision agriculture could increase the food supply and reduce environmental impact. With her expertise in software mapping, Jackie felt a responsibility to advance the field of precision agriculture.