

Advance Information for June 2022

Cambridge Nationals

Information Technologies

J808

We have produced this advance information to help support all teachers and students with revision for the June 2022 exam.

Information

- This notice covers component 01 only.
- This notice does **not** cover non-examined assessment (NEA) components.
- There are no restrictions on who can use this notice.
- The format/structure of the paper remains unchanged.
- You are **not** permitted to take this notice into the exam.
- This document has **3** pages.

Advice

- Students and teachers can discuss this advance information.
- It is advised that teaching and learning should still cover the entire subject content in the specification.

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R012/01

- Exam questions will sample content only from the areas of content specified in this notice.
- The information is presented in specification order and not in question order.
- The following areas of content are suggested as key areas of focus for revision and final preparation, in relation to the June 2022 examination.

Learning Outcome 1

- **1.2** - The interaction and iteration between the phases of the project life cycle.
- **1.3** - The inputs and outputs of each phase of the project life cycle.
- **1.5** - Planning tools and the software types used to develop project plans.

Learning Outcome 3

- **3.1.2** - Data types and appropriateness of the use of these in a given context.
- **3.3.1** - The methods used to collect data and store data/information, and the appropriateness of the use of these in a given context.
- **3.3.2** - Information Technologies (IT) used to support data collection, and the appropriateness of the use of these in context.
- **3.5.1** - The use of data in a given context including Big Data.
- **3.5.3** - Benefits and drawbacks of the use of data.

Learning Outcome 4

- **4.1.3** - Types of threats: Social engineering.
- **4.1.6** - Types of threats: Pharming.
- **4.2** - The vulnerabilities that can be exploited in a cyber-security attack.
- **4.3.1** - The impacts of a cyber security attack.
- **4.4.2** - Prevention measures: Logical.
- **4.5.1** - Current relevant IT legislation, its implications and applications: Legal protection.
- **4.5.2** – Ethical and moral.

Learning Outcome 6

- **6.2.2** - The purpose and suitability of methods of presenting information. **a** - Target audience. **e** - Selecting how the information is shared across distribution channels by individuals or organisations. **f** - Selection of presentation method.
- **6.2.3** - The advantages and disadvantages of methods used for presenting information.
- **6.3** - The resources required for presenting information and the appropriateness of the use of these in context.

END OF ADVANCE INFORMATION



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