Advance Information for January 2022

Cambridge Nationals

Information Technologies

J808

This advance information was for students taking exams in Jan 2022.

It is **not** to be used June 2022 exams.

Advance information for June 2022 will be available on 21st March 2022.

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

Information
- This notice covers component 01 only.
- This notice does **not** cover non-exam 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.

If you have any queries about this notice, please call our Customer Support Centre on **01223 553998** or email general.qualifications@ocr.org.uk.

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 January 2022 exam.

Learning Outcome 1

- **1.3** - The inputs and outputs of each phase of the project life cycle.
- **1.4** - Initial project considerations.
- **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.
- **3.2.2** - How data and information are related.
- **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.
- **3.4** - Different storage methods and the appropriateness of the use of these in context.
- **3**.**5.1** - The use of data in a given context including Big Data.

Learning Outcome 4

- **4.1.4** - Types of threats: Hacking.
- **4.3.1** - The impacts of a cyber security attack.
- **4.4.1** - Prevention measures: Physical.
- **4.4.3** - Prevention measures: Secure destruction of data.
- **4.5.1** - Current relevant IT legislation, its implications and applications: Legal protection.
- **4.6** - The importance of validity, reliability and bias when collecting and using data and information.

Learning Outcome 6

- **6.2.1** - Selection of the appropriate software tools and techniques to present information to meet the defined objectives in a given context.
- **6.2.2** - The purpose and suitability of methods of presenting information. **a** – Target audience. **c** - Availability of information. **e** - Selecting how the information is shared across distribution channels by individuals or organisations.
- **6.3.3** - The resources required for presenting information and the appropriateness of the use of these in context: Connectivity requirements.

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END OF ADVANCE INFORMATION

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Oxford Cambridge and RSA