

Cambridge National IT Revision List

Year 11 November 2026 mocks

Exam board OCR | Qualification J836 | Unit R050 IT in the digital world

Duration	Marks	Paper structure
90 minutes	70 marks	Section A 15 marks Section B 55 marks

Mock date Thursday 12 November 2026 Start time 1.00 pm

Revise all six topic areas below. Tick each box once you have revised the topic and practised questions without your notes.

Topics to revise

Topic area	Revision focus	Revised
1 Design tools	Flow charts, mind maps, visualisation diagrams and wireframes. Components, suitable software, advantages, disadvantages and choosing or creating a design tool.	☐
2 Human Computer Interface HCI in everyday life	Purpose and everyday uses of HCI. Hardware and software considerations; interaction using gesture, keyboard, mouse, touch and voice.	☐
3 Data and testing	Data and information; data types; validation and verification. Collection methods and storage; technical and user testing; valid, extreme and invalid test data.	☐
4 Cyber security and legislation	Threats, impacts of attacks and prevention measures. Physical and logical security; secure data destruction; purposes and responsibilities of relevant IT legislation.	☐
5 Digital communications	Communication types, software and devices. Distribution channels and connectivity; audience demographics and accessibility; selecting suitable methods for different audiences.	☐
6 Internet of Everything IoE	The four pillars: people, process, data and things; their interaction. Everyday applications, digital interactivity, user needs, benefits, drawbacks and security issues.	☐

Revision resources

- [Cambridge Nationals IT area on the Computer Science & IT SharePoint](#)
- Cambridge National in IT Revision Guide and Workbook
- [R050 Cambridge Digital Revision Guide](#)
- Microsoft Teams
- OneNote classbook
- [R050 Topic Reviewer](#)
- Educake