



Cambridge IGCSE ICT (0417) practical tests

These instructions are for exams officers or supervisors responsible for administering Cambridge IGCSE ICT (0417) practical tests.

Who is responsible for administering ICT practical tests?

A suitably competent supervisor, who may be the candidates' tutor, is responsible for the administration of ICT practical tests. The supervisor is also responsible for preparing the hardware and software for the tests.

When should ICT practical tests be held?

You have a one-day window to conduct Cambridge IGCSE ICT practical tests.

The dates of the practical tests are published on our website:

- www.cambridgeinternational.org/timetables
- www.cambridgeinternational.org/beforetheexams

Candidates must complete each practical test in a single session.

Wherever possible, candidates from the same centre should sit their test at the same time. If you need to run more than one session, see section 1.2.4 of the Cambridge Handbook.

When arranging the tests, consider the time you will need to set up the systems. It is also helpful to plan in some 'reserve' time for additional tests. This is because something may happen that means you have to reschedule a test. For example, you may experience a hardware failure or other technical difficulty.

What do I need to do to prepare for Cambridge ICT practical tests?

You need these materials to conduct the practical tests:

Material	Method of delivery
Question paper	We send you printed copies
Assessment Record Folder (ARF)	We send you printed copies
Source files	You download from Digital File Despatch
Supervisor's Report Folder (SRF)	You download from Digital File Despatch with source files

If you do not have all the materials listed above, contact us:
info@cambridgeinternational.org

There are several things you need to do before the tests start.

Testing the hardware and software

The hardware and software the candidates will be using during the tests must be in full working order to allow them to meet all the performance criteria set out in the syllabus. You must provide the computers used in the tests. We cannot take into account errors resulting from faulty software or hardware when marking candidates' work. Therefore, it is important for the supervisor to work through a past or specimen paper, using the hardware and software that the candidates will be using, before any of the tests.

Include any system errors, irregularities or issues in the Supervisor's Report Folder (SRF). You no longer need to send us a worked copy of a past paper (Supervisor Worked Copy). You must attempt to resolve any technical issues in your centre before the test because we do not consider these to be valid reasons for special consideration.

Occasionally candidates must embed provided sound or video files into their work. They do not need to listen to or edit the files, so headphones are not required or permitted.

You must make sure the date and time settings are correct on each computer before candidates start the test. The settings should be locked to prevent candidates from changing them. If your computers are not maintaining the correct date and time due to faulty CMOS batteries, replace them before the test. If any computers are receiving an incorrect date and time from a time signal device, such as a router on the network, you must update the time signal device so that it is correct.

Question papers

We send printed question papers to your centre. **Do not open the question paper packets before the start of the test.**

Source files

You must download the required source files from [Digital File Despatch](#). You must store all source files securely once they have downloaded. Files are available three calendar days before the test date window for Cambridge International Schools. Cambridge Associates can download the source files five calendar days before the test date window to allow enough time to securely distribute the source files to their Associate Centres.

The source material contains files in the following formats:
.rtf, .csv, .txt, .htm, .css, .jpg, .png, .wav and .mp4.

The data files (in particular .csv files) should be in a format that each candidate can access.

If you experience any difficulties receiving the files, or opening .csv files because of regional settings, list separators or decimal markers, please contact us:
info@cambridgeinternational.org

Spare equipment in case of hardware failure during a test

You must have enough spare computers and printers available in case there is a hardware failure during a test.

Secure set-up

Use secure areas on all machines or change the default settings so the candidates do not have access to other candidates' work. The use of a shared folder is not allowed. Each candidate must be issued with an individual password-protected work folder or account for each test. The password for this folder must be unique for each candidate.

Printing candidates' work

You must submit printouts of each candidate's work. Candidates must add their name, candidate number and centre number to each document before printing. We will not mark any printouts that are missing candidate details, or that have candidate details written on them by hand. Candidates must neatly cross through any extra rough copies of printouts so it is clear they should not be marked.

Candidates must send all work to the printer before the end of the practical test.

Candidates do not have to print their work in colour, and we will not give them extra credit if they do. The candidate is responsible for making sure there is enough differentiation in their work if it is printed in monochrome, for example, making sure sections of a pie chart are distinguishable. Tell candidates about this before the start of the test.

If the printer breaks down, you may extend the time specified for the test. If you do this, record it in the Supervisor's Report Folder (SRF).

When a candidate sends something to print during the test, they are not allowed to collect the printout from the printer. An invigilator must collect all printouts and distribute them to the correct candidates. It is the responsibility of the candidates to report to an invigilator if they receive any work which does not belong to them.

How many invigilators should there be for each test?

One invigilator must be present for every 20 candidates. There must always be at least one invigilator who has not been involved in preparing any of the candidates for the test.

In addition, a suitably experienced supervisor must be present in each test room to deal with any technical difficulties. The supervisor can be someone who was involved in preparing candidates for the test. The supervisor must not be counted as an invigilator.

It is your responsibility to appoint suitable personnel, but we encourage you to have an extra technician available, in addition to the invigilators and supervisor.

See our invigilation regulations in sections 4.6 and 5.7.4 of the Cambridge Handbook:
www.cambridgeinternational.org/examsOfficersguide

Are candidates allowed access to any other equipment during the test?

Candidates **must not** have access to the following during the test:

- internet and email
- their own electronic files or personal notes
- any pre-prepared templates or other files
- textbooks or manuals
- computers that have not been provided by the centre
- portable storage media, such as memory sticks, CDs, DVDs, or hard disks
- headphones.

This list is not exhaustive, and you must also refer to sections 5.1.7 and 5.1.8 of the Cambridge Handbook.

Candidates are allowed to use the following items during the test, **as long as these do not use the internet:**

- English or simple translation dictionaries
- spell-checkers
- software help facilities
- software wizards provided by the original software supplier.

Can supervisors or invigilators give candidates any help during the test?

Apart from helping a candidate if there is an equipment failure, the invigilators, supervisors or technicians must not give any help to the candidates during the test.

Can candidates communicate with each other during the test?

No. Candidates must not communicate with each other in any way during the test. This includes using the internet and using email via the internet or intranet. Each candidate's work area needs to be secure. We recommend you do this by setting up individual passwords to control the login process for each candidate, and by making sure only authorised people can access the files.

What should happen at the end of each test?

Candidates must put their final printouts inside their Assessment Record Folder (ARF).

Candidates' work must not be hole-punched or stapled. If an examiner is unable to see an item due to a hole punch, they will not be able to award associated marks. Place the ARFs containing candidates' printouts in the correct script packet for the component and send them to us.

Keep all copies of the question paper under secure conditions until **24 hours** after the end of the test window date. You do not need to return any question papers to us.

Candidates are not allowed to keep:

- copies of the question paper
- any printouts produced during the test
- any electronic files which form part of the test or that have been produced during the test.

What if we experience technical problems during a test?

If there is a technical issue, you must respond in a way which does not put the integrity or security of the test at risk. If the problem is caused by faulty equipment or software, you may allow the candidate to move to a spare computer, if appropriate. If you can fix equipment or software, you should do this. It is at the discretion of your centre to give the candidate reasonable time to compensate for the time lost while moving them to a spare computer or fixing the equipment.

If there is an equipment failure, record the details in the Supervisor's Report Folder (SRF). This report must be sent to us in the script packet and must include:

- the affected candidates
- the nature of the equipment failure
- the actions taken by the supervisor.

If equipment failure makes it impossible to complete the test on the test window day, you must contact us immediately.

You must attempt to resolve any technical issues in your centre before the test because we do not consider these to be valid reasons for special consideration.

Software use during the test

Details of the software used by the candidates for each paper must be recorded in the Supervisor's Report Folder (SRF). The SRF must be returned to us in the script packet.