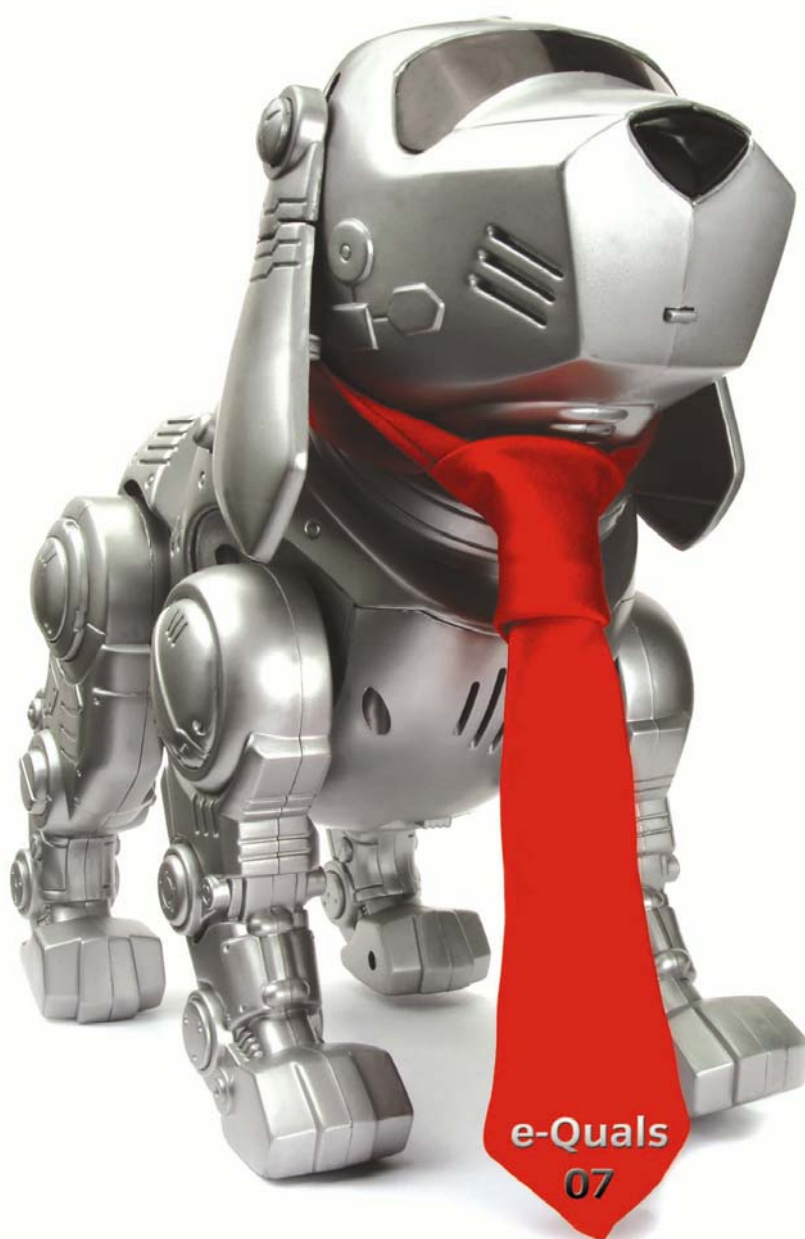


Level 2 ICT Repair centre procedure 2 (7266/7267- 407/7540-233)

e-Quals
Assignment guide for Candidates
Assignment B



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Level 2 ICT Repair centre procedure 2 (7266/7267-407/7540-233) Assignment B

Introduction – Information for Candidates

About this document

This assignment comprises all of the assessment for Level 2 ICT Repair centre procedure 2 (7266/7267-407/7540-233).

Health and safety

You are asked to consider the importance of safe working practices at all times.

You are responsible for maintaining the safety of others as well as your own. Anyone behaving in an unsafe fashion will be stopped and a suitable warning given. You will **not** be allowed to continue with an assignment if you compromise any of the Health and Safety requirements. This may seem rather strict but, apart from the potentially unpleasant consequences, you must acquire the habits required for the workplace.

Time allowance

The recommended time allowance for this assignment is **3 hours**.

Level 2 ICT Repair centre procedure 2 (7266/7267-407/7540-267)

Candidate instructions

Time allowance: 3 hours

Assignment set up:

This assignment is made up of **three** tasks

- Task A – carry out inspection, test and diagnosis procedures on a faulty base unit
- Task B – carry out a repair procedure on a printer
- Task C – examine some components and carry out tests on a printer

Scenario

You are employed as a test and repair technician in a repair centre. You have been allocated a faulty base unit to test/repair and a printer to strip, clean and re-assemble. You should use the facilities available in the assessment centre, the information on the Unit Fault Report, and other available information to complete the tasks. Each task should be fully documented on the forms provided.

Task A

- 1 Carry out an external visual inspection of the base unit noting any problems on the Inspection Report.
- 2 Connect the base unit into the test station and apply power. Carry out suitable tests to confirm the symptoms from the unit fault report. Note details of symptoms and test results on the Test Report.
- 3 Select appropriate test equipment and carry out further tests to confirm the root cause of the problem, noting all details on the Test Report.
- 4 Notify your Assessor of your findings and obtain resources to repair the base unit.
- 5 Repair the unit.
- 6 Carry out an audit of the major hardware components in the base unit. Record the details on the Major Component Audit Log. Ask your Assessor to check your work before refitting the cover.
- 7 Connect the base unit into the workstation.
- 8 Boot up the system and carry out a software audit (operating system and applications). Record details on the Unit Software Audit Log.
- 9 Initiate a soak test as instructed by your Assessor. Record the actions taken to repair the base unit on the Repair Report.

Task B

Complete Task B while the base unit is on test.

- 1 Inspect the printer externally for damage and deterioration. Note any problems on the Inspection Report.
- 2 Read carefully the instructions given on the Unit Fault Report and obtain the necessary resources from your Assessor.
- 3 Dismantle the printer only as far as is necessary to carry out the given instructions.
- 4 Complete the operations detailed on the Unit Fault Report, using the correct tools, materials (cleaning and lubrication) and spares.
- 5 Reassemble the printer.

Task C

- 1 You will be given **four** mechanical components from a printer. Examine each one and report on both its serviceability and its suitability for re-use. Record your answers on the Component Condition Report.
- 2 Conclude the base unit soak test and enter the results on the Test Report.
- 3 Connect a second printer, supplied by your Assessor, to the base unit and confirm that the correct printer-driver is installed.
- 4 Carry out post-repair tests on printer function and alignment.
- 5 Hand all paperwork and removable storage media to your Assessor. Ensure that your name is clearly identified on your work.
- 6 Sign above your name and hand all paperwork to your Assessor.

End of assignment

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