

WRITE AND DRAW ON THIS PAGE

EXAMINATION: AUTHORISATION A

April 2018

Practical Test

Time Allowed - 1Hr

Name & Surname _____
(In Block letters)

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A Typical penthouse is depicted in the schematic below. Study the diagram well and then answer the following questions.

- (i) Divide the installation into a suitable number of circuits. Consider that only electrical appliances and accessories are to be installed and that the Penthouse is fully airconditioned. Show your design on a suitable schematic drawing which clearly indicates the following:

Each accessory clearly numbered

All cable sizes
All protection sizes
Earthing system
Consumer Unit Layout

(25 Marks)

- (ii) The installation is to be wired with PVC single core cables run in concealed plastic conduit, show on the diagram below the proposed runs of the conduit and position of electrical fittings.

(15 Marks)

