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### Level 3 : Cube Award in Intruder Alarm Installation - Test



#### **CQ10789:**

Candidates answer on the Question Paper

Other Materials Required: A calculator may be used

Duration: 45 minutes

#### **INSTRUCTIONS TO CANDIDATES**

There are 12 questions, which have a total of 12 marks. In order to gain a pass mark you must achieve 7 of the total marks (.. marks). You will also have needed to complete successfully an observation of your skills for this award by your tutor to achieve certification.

The numbers of marks in the brackets following a question equates to the number of answers you must give, e.g. 2 marks = 2 answers. Each question links to the award standard (e.g. 1.1).

On successful completion of this questionnaire along with your observation you will receive a certificate of achievement from the awarding organisation, NCFE. You are expected to complete this on your own and any plagiarism of any kind will be subject to the Centre's Malpractice Policy.

1. Use black or blue ink. HB pencil may be used for graphs and diagrams only.
2. Complete the boxes below with your name, signature, date of birth and date of training.
3. Answer all the questions.
4. Write your answer to each question in the space provided. (If you require additional sheet, please attach a separate sheet, and be sure to include the question number and your surname.)
5. Do not write in bar codes.
6. Do not use your mobile phones.

#### **INFORMATION FOR CANDIDATES**

1. The total number of marks for this paper is 12 and you should score at least 7 to pass.
2. The number of marks for each question is given in brackets [ ] at the end of the question or part question.

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<b>First name (please use capital letters):</b>	
<b>Last name:</b>	
<b>Signature:</b>	
<b>Date of birth:</b>	
<b>Date of training:</b>	

**For office use only**

	<b>PRINT NAME</b>	<b>SIGNATURE</b>	<b>DATE OF ACTION</b>
<b>TRAINER</b>			
<b>ASSESSOR</b>			
<b>IQA</b>			

**Marks achieved for the assessment paper...../12**

**PASS YES / NO**

**Duration: 45 minutes**

**Date:**

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4. Draw a diagram of a double pole circuit. [1 mark]  
(If you require additional sheet, please attach a separate sheet, and be sure to include the question number and your surname.) (3.1.3, 2.3.2)

5. Draw a diagram of an End of Line circuit. [1 mark]  
(If you require additional sheet, please attach a separate sheet, and be sure to include the question number and your surname.) (2.1.1, 1.2, 1.3, 1.4)

6. How many grades are there in an intruder alarm installation according to PD6662:2010 BS50131? [1 mark] (3.1.1, 1.2, 1.3)

7. As systems will be graded the number of maintenance visits will vary. Depending on the grade of system the number of maintenance visits will be: [1 mark] (5.2.1, 2.2, 2.3, 2.4)

Grade 1 - ..... (Number of visits per year)

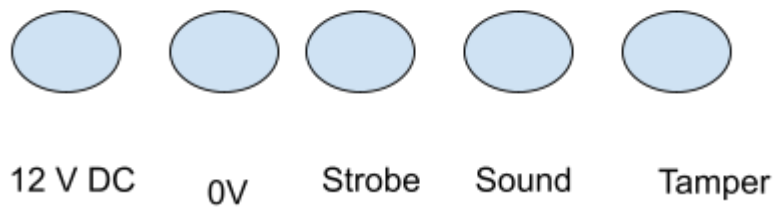
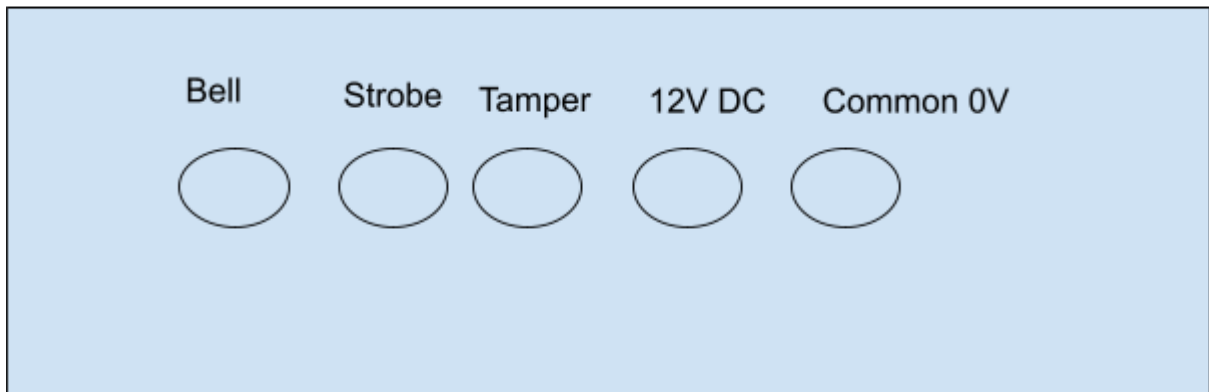
Grade 2X - ..... (Number of visits per year)

Grades 2 & 3 - ..... (Number of visits per year)

Grade 4 - ..... (Number of visits per year)

8. Draw a diagram to connect Grade 2 Bell (SAB) with panel (2.1.3, 2.2.2, 2.2.3, 2.2.4) (1 mark )

Grade 2 - SAB - Bell box



9. Briefly explain dual tech PIR [1 mark] (5.1.1, 1.2, 5.2.2)

10. How can you silence an intruder alarm system to replace the panel battery? [1 mark]  
(1.4.2, 4.2.2, 4.2.3)

11. What is a confirmed alarm signal? [1 mark] (2.4.2, 2.2.2, 2.2.3)

12. What is the role of an ARC (Alarm Receiving Centres)? (List one role) [1 mark] (3.4.2, 3.2.2)

- End -