

Examiners' Report/  
Principal Examiner Feedback

Summer 2012

Principal Learning  
CB307 Value and Use the Built  
Environment: Protecting and  
Maintaining

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## **Level 3 Unit 7 – Value and Use the Built Environment: Protecting and Maintaining**

### **Question 1**

The majority of candidates described two appropriate types of services that require maintenance during the life-cycle of a building. The correct responses were mainly focussed on electrical, heating, ventilation and drainage. Some candidates provided simple descriptions but failed to develop their answers and therefore did not attract full marks. Some candidates correctly identified appropriate services but failed to provide a description which did not attract any marks.

### **Question 2**

The majority of candidates described two appropriate benefits to a community of using light railway developments, mainly focussed on reducing congestion, reducing CO<sub>2</sub> omissions and easy access to the city. Some candidates provided simple descriptions but failed to develop their answers and therefore did not attract full marks. Some candidates correctly identified appropriate benefits but failed to provide a description which did not attract any marks.

### **Question 3**

The majority of candidates described two appropriate items that should be included within an access audit, mainly focussed on the provision of ramps, lifts, door width and the use of signage. Some candidates correctly identified appropriate items but failed to provide a description which did not attract any marks, also many descriptions were simple reducing the marks awarded.

### **Question 4**

The majority of candidates described two benefits of using ground source heat pumps for domestic dwellings, mainly focussed on reduced running costs and low environmental impact. Some candidates provided simple descriptions but failed to develop their answers and therefore did not attract full marks. Some candidates correctly identified appropriate benefits but failed to provide a description which did not attract any marks.

### **Question 5**

A few candidates provided suitable descriptions of environmental impact categories used within a BREEAM assessment, mainly focussed on CO<sub>2</sub> from transport, air pollution and energy use. Some candidates correctly identified appropriate categories but failed to provide a description which did not attract any marks, and some provided simple descriptions that did not attract full marks.

### **Question 6**

A few candidates provided suitable descriptions of the impact of the Environmental Protection Act, mainly focussed on the control of emissions and the control of waste. However, many candidates incorrectly focussed on impacts related to sustainability of resources and use of renewable energy sources. Some candidates provided simple descriptions but failed to develop their answers and therefore did not attract full marks. Some candidates correctly identified appropriate impacts but failed to provide a description which did not attract any marks.

### **Question 7**

Some candidates provided appropriate descriptions of items included within a feasibility study specifically focussed on the given project scenario and related to financial implications, timescales involved and legal implications including Equality Act, DDA, Building Regulations. Many of the responses were not adequately related or linked to the scenario and demonstrated a limited understanding of a feasibility study. The majority of candidates demonstrated limited understanding of a feasibility study and only briefly described one or two items, limiting their marks. Candidates needed to provide a sound understanding for a range of fully described items focussed on the project scenario to attract full marks.

### **Question 8**

Some candidates provided an appropriate explanation of how specific materials would contribute to the sustainability of the proposed project, mainly focussing on locally sourced timber, sheep's wool insulation and recycled materials. However, the majority of candidates demonstrated limited understanding of specific types of materials and only provided simple explanations lacking in detail, reducing the marks awarded. Some of the responses failed to adequately analyse the scenario and described materials not suited to the project and some provided identification only which did not attract any marks. Candidates needed to provide a sound understanding for a range of fully explained materials to attract full marks.

### **Question 9**

The majority of candidates described one requirement of Part L of the Building Regulations, mainly focussed on either increased levels of insulation, energy efficient heating, energy efficient plant or control of heat gains. However, the descriptions were generally simple and lacked adequate detail reducing the marks awarded. Some of the responses failed to adequately analyse the scenario and described general requirements not suited to the project and some provided identification only which did not attract any marks. The majority of candidates demonstrated limited understanding of Part L (Conservation of Fuel and Power) limiting the marks awarded. Candidates needed to provide a sound understanding for a range of fully described requirements to attract full marks.

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