

**6720-054/554 Level 3 Constructing the Built Environment (Design & Planning) – Sample Questions**

**Version 1.1 – December 2017**

Please note this is not a complete sample theory exam, this document consists of sample questions from across the test specification.

<b>Candidate</b>	Name	<b>Date</b>	DD/MM/YY
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- 1 Define the term ‘infrastructure requirements’ as used in architectural design and planning. (2 marks)

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- 2 Explain how the construction of a new housing estate on a flood plain can increase the risk of flooding in other areas. (4 marks)

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- 3 Identify **two** different types of proactive maintenance regime for a residential property. (2 marks)

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4 Explain how the requirements of the Party Wall etc Act are satisfied on a residential conversion project. (6 marks)

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5 Describe the considerations for the implementation of a lone working policy for surveyors. (4 marks)

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6 Explain how a housing association surveyor can ensure their portfolio of properties remains in good condition. (4 marks)

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- 7 Identify the relevant Approved Documents that deals specifically with: (3 marks)
- i. sanitation, hot water safety and water efficiency
  - ii. toxic substances
  - iii. structure.

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- 8 A company has purchased a disused, listed, Victorian cotton mill. They intend to convert the mill into luxury flats. The company wants the design to be energy efficient and are keen to promote the interests of disabled people. The local community have expressed concerns about the social impact on the community and the possible economic consequences of the development. The company is preparing the documents needed to obtain planning permission for the development and have already commissioned a building survey of the mill.

- a) Describe the main constraints on the design of the luxury flats. (3 marks)

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- b) Explain the factors to be considered when applying for building control approval for a conversion project. (3 marks)

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- c) Discuss the alterations that need to be made to the mill and the documentation that will be used in the design and planning. (12 marks)

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