

Answer ALL the questions. Write your answers in the spaces provided.

PART A

1. Listed below are **four** social or economic factors that influence the design of the built environment. Describe **two** ways that each of these can affect a project's design.

(a) Use of local materials.

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(2)

(b) Rainwater harvesting.

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(2)

(c) Natural and artificial light.

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(2)

(d) A sustainable transport system.

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(2)

(Total 8 marks)

Q1



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2. Planning Policy Statement 1 (PPS1) calls upon planning authorities to:

'promote communities which are inclusive, healthy, safe and crime free.'

Describe **three** crime reduction measures, that would benefit the community, that could be considered at the design stage for the layout of an housing estate.

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Q2

(Total 6 marks)





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3. Some construction clients meet considerable difficulty in obtaining the new building they require. This can be as a result of their inexperience in procuring buildings, or a lack of appropriate advice by the design team.

Describe **three** criteria that would be important to an investor but of lesser importance to an owner/occupier.

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Q3

(Total 6 marks)

TOTAL FOR PART A: 20 MARKS



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PART B

4. Discuss, **in detail**, the benefits to the local community of a well-designed, urban green space.

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Q4

(Total 8 marks)

7

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5. Describe the reasoning behind the government's encouragement for developers to use brownfield sites rather than large areas of greenfield land.

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Q5



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6. The Government has set a target for all new homes to be zero carbon rated by 2016. In terms of sustainability, describe and **evaluate** measures that a developer can use to achieve a zero carbon house.

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Q6

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TOTAL FOR PART B: 20 MARKS



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