

**UNIVERSITY OF BOLTON**

**SCHOOL OF THE BUILT ENVIRONMENT &  
ENGINEERING**

**BSc(HONS) ARCHITECTURAL TECHNOLOGY  
BSc(HONS) BUILDING SURVEYING AND PROPERTY  
MANAGEMENT**

**BSc(HONS) CONSTRUCTION MANAGEMENT  
BSc(HONS) QUANTITY SURVEYING AND  
COMMERCIAL MANAGEMENT**

**SEMESTER ONE EXAMINATION 2010/2011**

**PROJECT MANAGEMENT**

**MODULE NO: BLT3017**

Date: Monday 17 January 2011

Time: 10.00 am – 1.00 pm

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**INSTRUCTIONS TO CANDIDATES:**

There are SIX questions.

Answer FOUR questions.

All questions carry equal marks.

Marks for parts of questions are shown  
in brackets.

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BSc(Hons) AT/BSPM/CM/QSCM  
Semester One Examination 2010/2011  
Project Management  
Module No. BLT3017

1. Critically explore the benefits that both value management and value engineering can bring to a construction led project. In your answer you should particularly focus on the issues surrounding customer expectations.

**25 Marks**

2. Compare the traditional procurement route with that of a design and build on the basis that you have been instructed to advise a new client on the most appropriate method in constructing a large public sector building occupied by a number of organisations.

You should clearly identify the features that separate the two procurement routes and critically examine and advise on the advantages and disadvantages to the potential client paying particular attention to factors such as risk, value, key stages etc.

**25 Marks**

3. The role of the facilitator is thought to be critical to the success of value management within a developing design.

Critically examine the required skill set and framework that a facilitator needs to put in place in order to ensure that value management can really benefit the emerging design. Within your answer you should analyse the importance of managing pluralism, issues surrounding key stakeholders and the processes involved in the timing, management of workshops and those persons involved.

**25 Marks**

4. Risk management can be defined as “the process of bearing the risk you want to bear, and minimising your exposure to the risk you do not want” (ref: Procurement guide 04 Risk and Value Management OGC 2008). Critically evaluate this statement.

**25 Marks**

**Please turn the page**

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5. Having regard to aspects of management theory, critically examine the role of the project manager with regard to the two issues set out below;

- The roles and responsibilities of this individual

(10 Marks)

- The skills and attributes that are required for the successful delivery of projects.

(15 Marks)

**Total 25 Marks**

6. Critically explore the factors that need to be put in place to ensure that a project complies with quality assurance and quality management standards. In this respect, how can a project manager add value to a construction related project?

**25 Marks**

**END OF QUESTIONS**