

**UNIVERSITY COLLEGE LONDON**

University of London

**EXAMINATION FOR INTERNAL STUDENTS**

For The Following Qualification:–

*B.Sc.*

**ES2020: Project Management I**

**COURSE CODE : ENVS2020**

**UNIT VALUE : 0.50**

**DATE : 19-MAY-04**

**TIME : 10.00**

**TIME ALLOWED : 3 Hours**

ENVS 2020 : Project Management 1

Answer FOUR questions. All questions carry equal marks

1. Describe the general functions of project management. [25 marks]
2. How might different types of construction project client be classified? [10 marks]  
  
What sort of problems do clients pose for project management? [15 marks]
3. What sorts of organisational structures are there for managing projects and what are the advantages and disadvantages of each? [25 marks]
4. What factors determine appropriate leadership and leadership styles for construction projects? [25 marks]
5. What are the special problems of controlling subcontract/agency staff and in-house staff in remote locations – what might be done to overcome them? [25 marks]
6. Describe the process of deriving a resource histogram from a network analysis to show total project resource requirements for the project for the two scenarios of i) earliest start or ii) latest finish of all tasks [10 marks]  
  
What types of resource constraints are there and how can the problems caused by such constraints be overcome? What are the dangers of simply adding more resources to achieve a given task in a shorter time period? [15 marks]
7. What sort of data for individual risks would you expect to get out of a risk evaluation exercise? [10 marks]  
  
What ways are there of dealing with risk? What is residual risk and how is this dealt with? [15 marks]
8. How did the concept of ‘earned value’ arise and how can it be used in monitoring the progress of a project against programme and budget? Does monitoring by Earned Value have any limitations? [25 marks]

END OF PAPER