

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualifications:-

Grad Dip M.Sc.

ESGK11: Theory and Methodology of Urban Design

COURSE CODE : ENVSGK11

DATE : 12-MAY-03

TIME : 14.30

TIME ALLOWED : 2 Hours

ENVSGK11: Theory and methodology of Urban Design

Duration of exam: 2 Hours

Answer two out of the following five questions:

- 1 Define the basic theory and methodology of Space Syntax and describe at least one example of its application in practice.
- 2 In his book titled "The City of Bits", Bill Mitchell argues that many of the built elements that make up the city as we know it will progressively be dematerialised and made redundant by the growth of information and communication technologies. Discuss the implication of this hypothesis on the future of urbanism.
- 3 Professor Manfred Wolff-Plottegg argues that the future of design lies in the use of "generative" design methods rather than in traditional Master Planning methods. Discuss.
- 4 Define urban density and illustrate it by giving examples of the urban typologies that correspond to at least four different density levels. Describe each of these typologies both qualitatively and quantitatively.
- 5 What are the different methods that can be used to moderate urban traffic?

END OF PAPER