UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualification:-

M.Sc.

Inf Science GS.3: Systems Management

COURSE CODE   :   **INSTGS.3**

DATE   :   **03-JUN-03**

TIME   :   **10.00**

TIME ALLOWED   :   **3 Hours**

TURN OVER

S.3: Systems management

Answer **THREE** questions.

1. Discuss the importance of data conversion to a successful systems migration project. In what ways can problems arise from legacy data, and what options exist to address them?

2. 'There is no disaster from which it is impossible to recover.' Discuss, with reference to a library, archive or other information service-related computer system. Is it possible, or desirable, to cover all contingencies in a disaster plan?

3. Explain the mechanisms by which a computer virus can 'infect' a computer. What methods would you recommend a systems manager to focus upon to ensure the system (s)he is responsible for is kept free of such infection?

4. Describe the key elements of a project management plan. Show how these are used to ensure that the project is completed to time, fulfils the project brief, and provides effective communication between the different parties involved in the project.

5. What aspects of a system are portrayed in dataflow diagramming? Draw some simple diagrams of a library system, using any recognized notation, to illustrate your answer.

6. What are feasibility studies and operational requirement documents? What is the relationship between the two, and what roles might they play in a system selection exercise?

END OF PAPER