Register Number :

Name of the Candidate :

1 7 4 3

M.Sc. DEGREE EXAMINATION, 2008

(GEO-INFORMATICS)

(FIRST YEAR)

(PAPER - III)

130. INFORMATION TECHNOLOGY

(New Regulations)

May]   [Time : 3 Hours

Maximum : 100 Marks

Answer ALL questions.
Each answer should be in about 1,500 words.
All questions carry equal marks.

$(5 \times 20 = 100)$

1. (a) Explain the networking concept. What are the hardware and software required for networking ? Describe the classification of networks.

(OR)

Turn over

(b) Describe the operating system components and services. Add a note on the salient features of recent versions of Windows operating system.

2. (a) Describe various internet protocols and write a note on the uses of internet.

(OR)

(b) Write about the important features of spread sheets and their functions.

3. (a) Give a detailed account of relational database design.

(OR)

(b) Explain the basic concept of a database. Describe how a database management system works.

4. (a) Write notes on :

(i) Codd's rule.

(ii) Date manipulation language.

(OR)

(b) Describe various functions of Foxpro.

5. (a) Write notes on :

(i) Exception and error handling in PL – SQL.

(ii) Explicit and implicit cursors.

(OR)

(b) What is ORDBMS ? Describe its features and advantages.