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Register Number:

**6022**

Name of the Candidate:

**M.Sc. DEGREE EXAMINATION - 2010**

**(GEO-INFORMATICS)**

**(FIRST YEAR)**

**(PAPER – II)**

**520. INFORMATION TECHNOLOGY**

*December*

*(Time: 3 Hours*

Maximum: 100 Marks

**Answer ALL questions**

**(5 × 20 = 100)**

**Each answer should be in about 1,500 words.**

1. (a) Discuss the significance of an operating system in the working of a computer.  
(OR)  
(b) How are the computer languages classified? Explain the need for varieties of software.
2. (a) Discuss in detail the features of a word processor.  
(OR)  
(b) Name different services available through Internet. Explain the use of each of them.
3. (a) Write notes on (i) data models and (ii) data abstraction.  
(OR)  
(b) Explain in detail the design of relational database system.
4. (a) Explain the features of Lotus 123 as a database management system.  
(OR)  
(b) Discuss the importance of Data definition language and data manipulation language.
5. (a) What are the features of ORDBMS? Give its advantages over RDBMS and DBMS.  
(OR)  
(b) Explain in detail cursors, procedures and triggers.

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