

Time allowed: 45 Mins.

COMPUTER SCIENCE

M.M. : 15

*General Instruction :*

*This question paper consists of 10 questions and all questions are compulsory.*

1. Answer the following questions briefly (1\*3=3)
  - : (1) How are single tab queries useful?
  - (2) Explain the use of WHERE-clause in SQL.
  - (3) How can we maintain col4mn integrity of any table? (1)
2. Identify the valid field names from the following (2\*1=2)  
: "cust\_id" , Address, cust-id,  
order\_number
3. List errors (if any) in the following SQL statements : (1) Select from Movie \* (2)  
(2) Select Name from Movie where Movie\_id 2 (2)
4. Briefly describe the advantages of DBMS.
5. Name the following datatypes :
  - (a) This field is set to handle a Yes/No, True/False input. .
  - (b) This field accepts integers with a fixed length of ten spaces.

6. Explain the role of a Database administrator. (2)
7. Consider the following table and write SQL commands for the following to : (3)

Table : Items

| No | Product     | Price | Supplier    | Stock |
|----|-------------|-------|-------------|-------|
| 1  | Motherboard | 7000  | Intel       | 20    |
| 2  | Keyboard    | 1000  | TVSE        | 70    |
| 3  | Mouse       | 500   | Logitech    | 60    |
| 4  | Soundcard   | 600   | Samsung ... | 50    |
| 5  | Speaker     | 600   | Samsung     | 25    |
| 6  | Monitor     | 3000  | Philips     | 22    |
| 7  | CD-ROM      | 2800  | Creative    | 32    |
| 8  | Printer     | 7900  | HP          | 10    |

- (1) Display Product, Supplier Name & Price of all the Items.
- (2) Display No, name of all the products where stock is more than 50.
- (3) Display Product of Supplier - "Samsung".
- (4) Display records of all the products who are having Supplier= "Samsung" and Stock=50.
- (5) Display records of all the products who are having stock between 10 and 50.
- (6) Display all records with Product-Motherboard, Monitor, .Printer.