

- [illegible]

CON 7

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

**COMPUTER FUNDAMENTALS, P. C. SOFTWARE TOOLS AND
RDBMS (THEORY-I)**

Marks

1. (a) Fill in the blanks (any *five*) :— 5
- (i) The term attribute refers to a table.
 - (ii) Ms Access is Program.
 - (iii) component is used in Third generation computer.
 - (iv) LAN Means..... .
 - (v) 1 Mega Byte =
 - (vi) is shortcut key for Creating New page.
- (b) State *true* or *false* (any *five*) :— 5
- (i) A database is called "self-describing" because it contains a description of itself.
 - (ii) Database has data and relationship.
 - (iii) In database, data must be saved in spreadsheet.
 - (iv) A database design may be based on existing data.
 - (v) Scanner is output device.
 - (vi) ROM is non volatile memory.
- (c) State long forms (any *five*) :— 5
- | | | |
|-----------|----------|-----------|
| (i) DCL | (ii) DDL | (iii) DML |
| (iv) DBMS | (v) DQL | (vi) TCL. |
- (d) Match the following pairs :— 5
- | 'A' Group | 'B' Group |
|--------------------|-----------|
| (i) Notepad | (a) .xlsx |
| (ii) Ms-word | (b) .ppt |
| (iii) Ms-access | (c) .txt |
| (iv) Ms-powerpoint | (d) .doc |
| (v) Ms-Excel | (e) .mdb. |
2. Attempt any *two* of the following :— 16
- (a) What is Data Model and Object Oriented Model ?
 - (b) Write down a generation of Computers.
 - (c) What is E-R Model ? Explain Entity Set.
 - (d) Difference between DOS and Windows.

[Turn over

CON 7

Marks

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| <p>3. Attempt any <i>two</i> of the following :—</p> <p>(a) What is RDBMS ?</p> <p>(b) What is SQL ?</p> <p>(c) What is entity and attribute ?</p> <p>(d) Explain primary key and unique key.</p> | 16 |
| <p>4. Brief answers (any <i>two</i>) :—</p> <p>(a) Write down details of software life cycle.</p> <p>(b) Write down basic structure of Network Data Model.</p> <p>(c) Write down requirement analysis step for software development.</p> <p>(d) Difference between RAM and ROM.</p> | 16 |
| <p>5. Write short notes on (any <i>four</i>) :—</p> <p>(a) Mail merge</p> <p>(b) Query</p> <p>(c) Normalization</p> <p>(d) Entity set</p> <p>(e) Database.</p> | 16 |
| <p>6. Attempt any <i>two</i> of the following :—</p> <p>(a) Explain Software Life Cycle.</p> <p>(b) Explain any 4 DDL Command.</p> <p>(c) Explain any 4 DML Command.</p> <p>(d) Explain in detail Software Testing.</p> | 16 |
