S.No. : 34

IMBA 3401

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Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 37501 | Roll No. | 1 | 2 | 2 | 0 | 6 | 7 | 5 | 1 | 1 | 1 |

IMBA Examination 2023-24

(Even Semester)

DATABASE MANAGEMENT SYSTEM

Time : Three Hours] *[Maximum Marks : 60*

Note :– Attempt all questions.

SECTION–A

1. Attempt all parts of the following : 8×1=8

   (a) Define DBMS in short.

   (b) Define primary key in your words.

   (c) Define DML in your words.

   (d) Define subschema in short.

   (e) What is random file?

   (f) Define normalization.

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(g) Define input devices in short.

(h) Define offline storage devices.

SECTION – B

2. Attempt any two parts of the following : 2×6=12

(a) Discuss all the kinds of keys you studied.

(b) Discuss functions of DBA.

(c) Explain all kinds of normalization in detail.

(d) Discuss all types of input and output devices in detail.

SECTION – C

Note :– Attempt all questions. Attempt any two parts from each questions. 8×5=40

3. (a) Distinguish amongst all types of data models.

(b) Describe all advantages and disadvantages of DBMS.

(c) Discuss referential integrity.

4. (a) Discuss E-R diagram in detail.

(b) Descirbe architecture of DBMS.

(c) Explain data independence and its types.

5. (a) Explain all types of files.

(b) Describe functional dependency and its type.

(c) Discuss schema and subschema.

6. (a) Discuss off line storage devices and its types.

(b) Descirbe program files and their importance.

(c) Explain performance improvements in data base.

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