

Central University of Dimachal Pradesh (Established under Central Universities Act 2009) PO Box: 21 Dharamshala, District Kangra, Himachal Pradesh-176215

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Name of Programme of Study....., Roll No: ... (To be filled by the Student)

MID Term Examination

Semester: Second

Name of the Course: Database Management System Time: $1\frac{1}{2}$ Hours

Date: 08/05/2023

Course Code: MCA 505 Maximum Marks:40

Note:

- 1. Answer Sections A. B. & C in the answer book provided.
- 2. Comply with the instructions given in the Main Answer Book carefully.

SECTION - A

MULTI CHOICE QUESTIONS

(16x1=10 Marks)

(D) << (D) DCL •(D) Domain

(D) Links

- 1. Answer all the following TEN questions with ONE mark each.
 - b) Which of the tollowing is not as seminarison operator in our (A) (≤ ≥ (B) LFx. (C) BETW
 c) The database scheme is written in (A) HLL (B) DM (C) DDL
 d) A set of possible data value of a stribite is called (A) Association (B) Degice (C) Tuple
 e) In a network data model records are organized as (C) BETWEEN

 - (A) Graph (B) List.
 Define multi-valued attribute
 - g) What is a primary key?
 h) What do you mean by sydonym keys?
 i) What is a weak entity type?

 - j) What is collision?

CHIP

SECTION - S SHORT ANSWER GUESTIONS

(2x5= Answer any Two out of the following SIX questions: I ark question carries FIVE marks. (2x5=10 Marks)

- •2. What do you mean by relationship? Discoss its 15% of
- Define foreign key. Explain the concept and usego of breign key in a database.
- 4. Discuss index sequential file management using & Cample.
- 5. List and discuss any five string function supported in SQL using an example of each.
- 6. Discuss the concept of increachical data model.
- 7. Discuss different types of symbol used in ER diagram

SECTION -- C

LONG ANSWER ESSAY TYPE OUTSTIONS

(2x10=20 Norks)

- Paret any interest the supering Layers question flowing province of the St. 8. What is database? Discuss advantages and disadvantages of using databases
- 9. List and discuss the different type of statement supported in SQL.
- 10. What do you mean by hashing? Discuss differenttypes hashing techniques in detail.
- 11 Discuss three level architecture of DBMS in detail

