Jura / July 2024

- Jo selubom trunchmar etarbolats. escalatab enifer () . anoissaretrii rient bro 2MEC
- 6) -? devel smedre grems printlem boen ew
- (3) . esnebred shi stab data inde pendence . (9)
- Draw ER diagram for an Company database as with employee, department, project as the sound about as work show a striber and dependent as work africal stribert of the constraints, relationships and ratios in the ER diagram 10
- Define the following terms with example for each using ER notations:
  - Enstity, attribute, composite attribute, participation hale. 10

June Tuly supplementary

To aitainstand ent toit ? and ai torla & dotalans approach. Bring out major advartages of the database approach - 8

Eschlain data independence. Draw 3 schema
architecture and discuss the mapping (7)
9 Define following
① Database Administrator
@ Canned Hansaction
3) Weak entity
@ Meta data
3 Database Instance
Describe components modules of DBM5 and its interaction with neat diagram 8
interaction with next diagram.
3 Draw ER diagram of Library dotabase schema atleast 4 entities. Also sherify Primary keys,
8 - nieldre bue strietanos leveluste
@ Briefly discuss different types of end users of
database 4
Dec 2024 / Jan 2025
@ Define the following terms:
1) dotabase (5) Degree of a relationship
2) Schema
3 Evntity — 5
G DDL

· Briefly explain characteristics of database approach & dist and explain advantages of using DBMS approach (12) Define following terms. 1 Cardinality 2) Weak entity 3 DML 4 Value sets ernebradebni stab margore 3 · Describe three-schema architecture. Why do we need mappings blu schema levels? - (5) (3) Exhain different types of attributes in ER model with suitable example for each. - (19) Explain the operations of 2-tier and 3-tier (14) · 2MBC fo entretindres revises / trails what is a weak entity type? Explain the (15) role of partial key in design of weak entity type. Differentiate specialization & generalization giving suitable examples

CS CamScanner

(17) Write an ER diagram of hospital management System. Assume your own entities, attributes and relations.

(7) Value Set (Domain)

of attendante

(9) TeL

- (8) Define the following:
  - 1 Data model
  - (2) Complex attribute
  - (3) Recursive relationship
  - (4) Meta data
  - 3 Composite attribute
  - 6 Condinality Ratio
- (19) Design an ER diagram for the mail order database
- Explain High-level Conceptual Data models for Database Dosign
- (21) Workers behind the Scene Actors on the Scene

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