DATABASE of WeB Tiutonial-1

Ans 1 · Douba: - The seaw facts and figures or the collection of facts about any entity

- Peristent Dover: The data which survived after the process with which it rooms created has ended
- Information: Processed organized, usaful and magninful detter
- data organized to obtain a resepted things.
- · Information: Processed organised, useful & maningful
- o ISBMS: Saftware Package or set of computed pregram dosigned to store and manage databases which help in abstraction purpose of data.

Example - Consolen three fields: Name, envolland both of a

- a) Each Column (namo, foroll & Batch) is data
- b) Juble build from these three columns is dada
- c) One tuple of each type of field is Suformation
- d) Lable howing one column in reduchall the three fields are present in Information base.

Ans 2 The organisation having larger data will be using DBMS because largor datasets requires abstraction, security & integration of data.

Ans 3 Web based database management system provides Simplicity, standardization, innovative and graphical VI, enhance level of abstraction (i.e. easier Command line)

Million of the Control

Yes it is important to use user friendly interface, so that abstraction becomes early.

Ans 4 Old file processing system had few drawbacks due to which we had to move to DBMs as described;

1) Unconfootted duplications: - Data vadundancy reacte the

memory spaced hard to update

ii) Inflowibility: - Hard to change the date hence hard to change the program.

iii) Inconsistant data

I'V) Limited data sharing

V) Dafa integrity problem

vi) Concurrent access anomalies

Aus 5 There are 3 types of users:

(i) Sophisticated Users: - They from siegues tindatabase query language

ii) Specialized Users: - They write Specialized database that don't fit tradational data processing framework

iii) Noive users à They invoke one of the parmament application programs that have been written previously

" Role of administro.

i) Designing the logical schema & creatingthe structure of entire doctorbase

in) Moniter usage & croate necessary index structural to speed

(ii) Renoke data access permission to others

Ans6 OLTP: It refers to Online Transaction Processing It support database quory such as insert, update and delete information from the database. These systems also support Online Transaction & process query quickly on the Internet.

Anst i) Security Facility: - Company Thould pay for it because date will only be accessible to IT administer, So it requires authentication.

ii) Concernoncy Control; - Company should not pay for it because this requeroes a multiuser systems in this company, the database revill run only in one PC.

- because it is mainly used whom to ansaction occur. and in this organisation, no such to ansaction is going to be done.
- iv) A new Mechanism :- Company should pay for it because it allows besers to river the data.
- V) A query language: Company should pay for it because this language supports to insert, update of delete this date in the database

Ave & a) Three level of Abstraction are: -

- c') physical lend: It describes details of how data is stood, tiles, indices of on random access disk system
- (i) Conceptual level: It describes data stored in database and relationship among the data. It hides the details