- Describe 3-schama ANSI SPARC database aeditecture? Also, describe various mapping between different levels of data Abstraction.
- 2) Differentiate between following o- 2 tier and 3 tier architecture
 physical and logical Data Independence
 - Schema rand inetame - plocedural and Non-plocedural
 - SOL database and No-Sql Data base
- 3) What is Data model? Describe Relational data model?
- 4) hohat is SQL ? holy SQL is called as fourth generation language?
- 5) hoho is DBA). Explain the responsibilities of DBA.

- 6) Categolize different types of Database User? Mention the type of interface used by each user?
- 1) hohat do you mean by database languages? Explain valous database languages with suitable example.
- 8) Explain Three levels of Databale abstraction ?
- 9) Explain the Stages involved in quely placessing using next stetch).
- 10) Describe various domain types in blacke .
- Describe dranebacks of traditional file processing system. How these clawbacks are overcome by
- 12) Any Schema will Given as input ---- identify plimary Keys and foreign Keys in Hat schema.

13) Explain Basic and additional relational relations. 19) Describe ER-Model? Design ER Model fox Banking Schema. 15) helat do you mean by Stlong and Weak entry in ER model. Explain heith Suitable example. platforms you know. Classify them as SQL and No-SQL. Specialization în ER Model with Suitable example. 18) Differentiale between document database, wide column databases and Graph databases. 19) - Defène the terms?

• Physical Database design

• Logical Database design

20)	On Given dalabase Schama
	[Any Schema wail be given]
	While relational algebra and SQL
i i	quelies on it
21)	Describe the following teems - Transaction Manages:
	- Mansaction Manages
	- conculrecy control Manager
	Lecovery Manager
22)	DDL Compiler 2.
	DDL Compiler 2.
23)	Describe commit and hollback
	Statemente with suitable example.
	and the second of the second o
24)	Desube following wirt Relation
	Databases.
	- Ality of Selation
. 3	- union compatability
	- mion compatability
	- Intension
0	- Extension
	- Tupie
	- attlibute
25) V	shat is view ? Give application of views?