

Ans	wer the short answer questions :	
(1)	The standard language to work with database is	
(2)	SQL commands can be written in	
(3)	What is the use of DML command?	
(4)	What is the use of Select * from command?	
(5)	A DISTINCT option is used to	
(6)	In an Entity-Relationship Diagram Rectangles represent	
(7)	Who proposed the relation model?	
(8)	The primary key must be and	
(9)	Which command is used to remove a relation from an SQL database.	
(10)	UML stands for?	
(11)	Which SQL Query is used to remove a table and all its data from the database?	

(12)	is the structure of the database?					
(13)	'Which techniques are used to study the cellular proteome?					
(14)	(14) database collects data from different sources and makes them available in a new and more convenient.					
(15)	Protein is flexibly, but when its energy level is low, is it stable (True / False)					
(16)	6) In PROSITE file format, every line starts with 3 letter symbol					
(17)	In the ProDom search by kingdom is known as					
(18)	8) What is the id number format in FlyBase?					
(19)	By controlling the data redundancy, the data consistency is not acquired. (True / False).					
(20	What can be the other names of secondary database are often known as?					
	SECTION - II					
Ans	wer the following questions :	25				
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2

	(C)	Ans	wer any two:	10
		(1)	Explain DBMS Architecture in detail	
		(2)	Characteristics of the Database Approach.	
		(3)	Explain view with example.	
		(4)	Summarize the protein family and domain databases.	
		(5)	How scientific data were managed?	
3	Ans	wer t	the following questions :	25
	(A)	Ans	wer any three:	6
		(1)	Define: Data independence.	
		(2)	Define: Entity and Entity set.	
		(3)	What is the use of DISTINCT in SQL?	
		(4)	Define the use of operators in oracle.	
		(5)	What is DGENE & EGENE.	
		(6)	Pathway database of KEGG.	
	(B)	Ans	wer any three:	9
		(1)	List basic data types in Oracle.	
		(2)	Differentiate: DBMS V/s RDBMS	
		(3)	What are sequences? Give the complete syntax to create sequences.	
		(4)	Explain alter table query with syntax and example.	
		(5)	Pfam	
		(6)	What is the need of Secondary Database?	
	(C)	Ans	Answer any two :	
		(1)	Perform the following in context to the following table: Table name: Employee	
MB	C-003	3-006	303] 3 [Con	td

Fields	Data type		
emp_id	number	5	
pmp_name	varchar2	35	
emp_city	varchar2	30	

- (a) Write a query to create the above 'Employee' table.
- (b) Write a query to select records from 'Employee' table whose name starts with 'A'
- (2) What is a Cluster? Explain types of Cluster.
- (3) What are Synonyms? Explain using syntax and example.
- (4) What are the applications of Bioinformatics Databases?
- (5) Write note on SYSTERS