0.7 SEP 2019

OCCAL INU .

Paper No.: BCA-CC-605: Subject Code: <a></a> <a></a>

RDBMS Using Oracle-II

	Instruction: All questions carry equal marks.  Duration: 02:30 HRS  Marks: 70	
<b>Q-1</b> A B	Answer the following question Discuss the advantages of PL/SQL. Explain PL/SQL block structure in detail. Write a PL/SQL block that takes user's birth date as an input and displays the age of the user.  OR	7
A B	What is cursor? Explain different types of cursors with its attributes and syntax. Write a PL/SQL block that takes salary of an employee as an input and displays the total salary. [total salary = salary + HRA(20% of salary) - deduction (2% of salary)]	7
Q-2	Answer the following question	
A B	What do you mean by sub-program? Explain stored procedure. What is trigger? Discuss various types of triggers with suitable examples. OR	7
Α	How Oracle Engine handles an error? Discuss user defined exception handlers with suitable examples.	7
В	What are the advantages of using Oracle package? Explain package creation, invocation and alteration with suitable example.	1
Q-3	Answer the following question.	
A B	Who is DBA? Explain roles of DBA in detail.  In context of database, what is privilege? Discuss various types of privilege in detail.	- 1
	OR	
Α	Write syntax to create a new user and delete an existing user. Also discuss the grant command with suitable example.	-
В	What is role? Explain how to create new role, grant and revoke access rights from the role and view the role of a particular user.	
Q-4	Answer the following question	
Α	Write a short note on database failure and recovery along with its importance.	•
В	Discuss various factors causing database failure.  OR	•
Α	Discuss the data structure that helps to recover data from the database.	
В	Discuss any two activities performed by DBA to maintain the database.	
Q-5	· ·	
Α	Write a short note on database warehouse architecture.	
В	Differentiate between DBMS and data warehouse. Also discuss how a data warehouse is designed and constructed.	i

What is data mining? Explain its applications.

Write Note on Data Mart.