

**B.C.A. 2<sup>nd</sup> Semester**  
Course: 030010209- CC5 Relational DBMS

**Assessment Policy**

Assessment Code	Assessment Type	Duration of Each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Quiz	1 Hour	1	20	4X1=4	27/12/2017.
A2	Open Book	1 Hour	1	20	4X1=4	07/02/2018.
A3	Unit Test	1.5 Hours	2	30	6 X 2 = 12	16/01/2018, 28/02/2018
A4	Internal	3 Hours	1	60	15 X 1 = 15	28/03/2018
A5	Assignment	-	1	5	5X1=5	During semester.

Assessment Code	Assessment Type	Duration of Each	Occurrence	Each of marks	Weightage in CIE of 50 marks	Remarks
A6	Unit Test (Practical)	02 Hours	2	20	04 X 02 =08	16/01/2018, 28/02/2018
A7	Section Test (Practical)	02 Hours	1	30	12 X 01 = 12	15/03/2018.
A8	Semester End Examination	02 Hours	1	30	20 X 01 = 20	03/04/2018
A9	Journal/Viva	-	1	15	10 X 01= 10	During Semester

**Assessment Type Classification:**

<b>Assessment Code :</b>	A1	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	50%
			5	50%
<b>Assessment Type :</b>	Quiz	<b>Tentative Date :</b>	27/12/2017	
<b>Kind of Question Format:</b>	Question 1: Short answer questions. (10 out of 12) [02 x 10 = 20]			
<b>Assessment:</b>	Formative			
<b>To measure :</b>	Understanding of the functions in MySQL and procedural SQL with use of conditional and iterative statements in application development in procedural SQL.			
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO5: Describe the concept of transaction processing and test the conflict serializability.			
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

<b>Assessment Code :</b>	A2	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	10%
			2	20%
			3	60%
<b>Assessment Type :</b>	Open Book	<b>Tentative Date :</b>	07/02/2018	
<b>Kind of Question Format:</b>	Long answer questions. (4 out of 5) [02 x 10 = 20]			
<b>Assessment :</b>	Formative			
<b>To measure :</b>	Understanding of the functions in MySQL and procedural SQL with use of conditional statements in procedural SQL.			
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO5: Describe the concept of transaction processing and test the conflict serializability.			

<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO5: Recognition of the need for life-long learning.
----------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Assessment Code :</b>	A3	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	10%
			2	50%
			5	40%
<b>Assessment Type :</b>	Unit Test – 1	<b>Tentative Date :</b>	16/01/2018	
<b>Kind of Question Format:</b>	Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04] (B) Short answer questions. (3 out of 4) [02 x 03 = 06] Q-2 (A) Practical based question. [01 x 05 = 05] OR (A) Practical based question. [01 x 05 = 05] (B) Practical based question. [01 x 05 = 05] OR (B) Practical based question. [01 x 05 = 05] Q-3 Answer the following in detail. (2 out of 3) [02 x 05 = 10]			
<b>Assessment :</b>	Formative			
<b>To measure :</b>	Knowledge ,Comprehension and Analysis			
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO5: Describe the concept of transaction processing and test the conflict serializability.			
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO5: Recognition of the need for life-long learning.			

<b>Assessment Code :</b>	A3	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	05%
			2	05%
			3	30%
			5	10%
			6	50%
<b>Assessment Type :</b>	Unit Test-2	<b>Tentative Date :</b>	28/02/2018	
<b>Kind of Question Format:</b>	Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04] (B) Short answer questions. (3 out of 4) [02 x 03 = 06] Q-2 (A) Practical based question. [01 x 05 = 05] OR (A) Practical based question. [01 x 05 = 05] (B) Practical based question. [01 x 05 = 05] OR (B) Practical based question. [01 x 05 = 05] Q-3 Answer the following in detail. (2 out of 3) [02 x 05 = 10]			

<b>Assessment :</b>	Formative
<b>To measure :</b>	Knowledge ,Comprehension and Analysis
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO5: Describe the concept of transaction processing and test the conflict serializability. CO6: Apply two-phase locking and time-stamp locking techniques for concurrency control.
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.

<b>Assessment Code :</b>	A4	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	16%
			2	16%
			3	18%
			4	16%
			5	18%
<b>Assessment Type :</b>	Internal Examination	<b>Tentative Date :</b>	28/03/2018	
<b>Kind of Question Format:</b>	As per external paper format			
<b>Assessment :</b>	Formative			
<b>To measure :</b>	Knowledge ,Comprehension and Analysis			
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO4: Demonstrate creating and firing of triggers. CO5: Describe the concept of transaction processing and test the conflict serializability. CO6: Apply two-phase locking and time-stamp locking techniques for concurrency control.			
<b>Programme Outcome:</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

<b>Assessment Code :</b>	A5	<b>Weightage of Content :</b>	Entire Syllabus
<b>Assessment Type :</b>	Assignment	<b>Tentative Date :</b>	02/04/2018
<b>Kind of Question Format:</b>	Long answer questions		
<b>Rules:</b>	<ul style="list-style-type: none"> <li>• Two question will be given at the end of all units.</li> <li>• Student shall receive 10% bonus marks of actual scored marks such that the total mark does not exceed the maximum marks if he/she submits assignment 2 days earlier before deadline.</li> <li>• Student shall receive 10% penalty of full marks on 2 days late submission, and zero marks after two days of deadline.</li> </ul>		
<b>Assessment:</b>	Summative		
<b>To measure :</b>	Writing skills of the students		
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO4: Demonstrate creating and firing of triggers. CO5: Describe the concept of transaction processing and test the conflict serializability. CO6: Apply two-phase locking and time-stamp locking techniques for concurrency control.		
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.		

<b>Assessment Code :</b>	A6	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	50%
			2	50%
<b>Assessment Type :</b>	Unit Test-1(Practical)	<b>Minimum number of practical to be certified as eligibility to appear:4</b>	<b>Tentative Date:16/01/2018</b>	
<b>Kind of Question Format:</b>	Q.1: Write and implement queries for give questions. [05] Q.2: Write and Implement prepare statements for the following statements. [10] Q.3: Viva [05]			
<b>Assessment:</b>	Formative			
<b>To measure :</b>	Analysis and Synthesis			

<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements.
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO5: Recognition of the need for life-long learning.

<b>Assessment Code :</b>	A6	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			2	30%
			3	70%
<b>Assessment Type :</b>	Unit Test-2 (Practical)	<b>Minimum number of practical to be certified as eligibility to appear:13</b>	<b>Tentative Date:28/02/2018</b>	
<b>Kind of Question Format:</b>	Q.1: Create function for the following requirements. [07] Q.2: Create Procedure for the following requirements. [08] Q.3: Viva[05]			
<b>Assessment:</b>	Formative			
<b>To measure :</b>	Analysis and synthesis			
<b>Course Outcome :</b>	CO2:Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3:Design application development with user defined functions and storedprocedures using procedural SQL.			
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

<b>Assessment Code :</b>	A7	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	10%
			2	30%
			3	30%
			4	30%
<b>Assessment Type :</b>	Section Examination including viva (Practical)	<b>Minimum number of practical to be certified as eligibility to appear:16</b>	<b>Tentative Date:15/03/2018</b>	

<b>Kind of Question Format:</b>	Q.1: Write and implement prepare statement for the following. [05] Q.2: Create function/procedure for the following requirements. [10] Q.3: Create a trigger for the following requirements.[10] Q.4: Viva [05]
<b>Assessment:</b>	Formative.
<b>To measure :</b>	Analysis and synthesis
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO4: Demonstrate creating and firing of triggers.
<b>Programme Outcome:</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO5: Recognition of the need for life-long learning.

<b>Assessment Code :</b>	A8	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	10%
			2	30%
			3	30%
			4	30%
<b>Assessment Type :</b>	Semester End Practical Examination(SEP E)	<b>Minimum number of practical to be certified as eligibility to appear:17</b>	<b>Tentative Date:03/04/2018</b>	
<b>Kind of Question Format:</b>	Q.1: Write and implement prepare statement for the following. [05] Q.2: Create function for the following requirements. [10] OR Q.2: Create procedure for the following requirements. [10] Q.3: Create a trigger for the following requirements.[10] Q.4: Viva [05]			
<b>Assessment:</b>	Formative			
<b>To measure :</b>	Analysis and synthesis			
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO4: Demonstrate creating and firing of triggers.			
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO5: Recognition of the need for life-long learning.			

<b>Assessment Code :</b>	A9	<b>Weightage of Content :</b>	<b>Unit</b>	<b>(%)</b>
			1	20%
			2	20%
			3	40%
			4	20%
<b>Assessment Type :</b>	Journal		<b>Tentative Date:22/03/2018</b>	
<b>Assessment:</b>	Formative			
<b>To measure :</b>	Analysis and synthesis			
<b>Course Outcome :</b>	CO1: Differentiate DBMS & RDBMS and use SQL data types. CO2: Use of IF, CASE, FOR, LOOP, WHILE and REPEAT control flow statements. CO3: Design application development with user defined functions and stored procedures using procedural SQL. CO4: Demonstrate creating and firing of triggers.			
<b>Programme Outcome :</b>	PO1: Ability to understand the concepts of key areas in computer science. PO2: Ability to design and develop system, component or process as well as test and maintain it so as to provide promising solutions to industry and society. PO3: Effective communication and presentation skill. PO5: Recognition of the need for life-long learning.			

**UFM:**

If two or more submitted papers are too similar for coincidence, a penalty shall be imposed that shall usually be the same for the student who did the original as for the one copying from it.

Any ascertained fact of breaking institute policy shall be associated with one or all of the following: (i) zero marks for the work; (ii) report to the programme coordinator; (iii) report to the Director.