B.C.A/ 5Years Integrated MCA(4th Semester)

Course : 030010409 /060060406- CC10 - GUI Programming
Assessment Policy

- Composition of CIE shall be (For Theory)

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Quiz	01 Hour	1	20	05 X 01 = 05	Quiz 1: After completion of Unit 1, 2.1, 2.2, 2.3
A2	Unit Test	1.5 Hours	2	30	06 X 02 = 12	Unit Test 1: After completion of Unit 1,2 and 3 Unit Test 2: After completion of Unit 4 and 5
A3	Internal Examination	03 Hours	1	60	16 X 01 = 16	Before completion of the term
A4	Mini Project	-	1	50	07 X 01 = 07	Before completion of the term

- Composition of CIE shall be (For Practical)

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 75 marks	Remarks
A5	Unit Test	02 Hours	2	20	04 X 02 = 08	Unit Test 1: After completion of Unit 1, 2 and 3 Unit Test 2: After completion of Unit 4 and 5
A6	Section Test	02 Hours	1	30	12 X 01 = 12	After completion of Unit 4 and 5
A7	Semester End Examination	03 Hours	1	30	20 X 01 = 20	After completion of the term
A8	Journal/Viva	-	1	270	10 X 01 = 10	Before completion of the term

Assessment Type Classification:

<table>
<tr><td>Assessment Code :</td><td>A1</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>1</td><td>50%</td></tr><tr><td>2</td><td>50%</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Quiz</td><td>Tentative Date :</td><td>28/12/2018</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q1. Multiple Choice questions. (20 question each of 1 marks.) [20 marks]</td></tr>
<tr><td>To measure :</td><td colspan="3">Knowledge</td></tr>
<tr><td>Course Outcome :</td><td colspan="3">CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.</td></tr>
<tr><td>Programme Outcome :</td><td colspan="3">PO1: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them.
PO6: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.</td></tr>
</table>

<table>
<tr><td>Assessment Code :</td><td>A2</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>1</td><td>10%</td></tr><tr><td>2</td><td>50%</td></tr><tr><td>3</td><td>40%</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Unit Test – 1</td><td>Tentative Date :</td><td>15/01/2019</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04]
(B) Short answer questions. (3 out of 6) [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]</td></tr>
<tr><td>To measure :</td><td colspan="3">Comprehension, Application , Analysis and Synthesis</td></tr>
<tr><td>Course Outcome :</td><td colspan="3">CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.</td></tr>
<tr><td>Programme Outcome :</td><td colspan="3">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.</td></tr>
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<table>
<tr><td>Assessment Code :</td><td>A2</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>2</td><td>10%</td></tr><tr><td>3</td><td>10%</td></tr><tr><td>4</td><td>50%</td></tr><tr><td>5</td><td>30%</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Unit Test – 2</td><td>Tentative Date :</td><td>18/02/2019.</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04]
(B) Short answer questions. (3 out of 6) [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]</td></tr>
<tr><td>To measure :</td><td colspan="3">Comprehension, Application , Analysis and Synthesis</td></tr>
<tr><td>Course Outcome :</td><td colspan="3">CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.
CO3. Create windows form, react to its events and manipulate its content in code.
CO4. Design rich integrated and GUI windows applications.</td></tr>
<tr><td>Programme Outcome :</td><td colspan="3">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.</td></tr>
</table>

<table>
<tr><td>Assessment Code :</td><td>A3</td><td>Weightage of Content :</td><td>As per syllabus weightage</td></tr>
<tr><td>Assessment Type :</td><td>Internal Examination</td><td>Tentative Date :</td><td>End of Semester</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q-1 (A) Short answer questions. (4 out of 4) [01 x 04 = 04]
(B) Short answer questions. (3 out of 6) [02 x 03 = 06]
Q-2 (A) Practical based question. [01 x 05 = 05]
OR
(C) Practical based question. [01 x 05 = 05]
(D) 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]</td></tr>
<tr><td>To measure :</td><td colspan="3">Comprehension, Application , Analysis and Synthesis</td></tr>
<tr><td>Course Outcome :</td><td colspan="3">CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.
CO3. Create windows form, react to its events and manipulate its content in code.
CO4. Design rich integrated and GUI windows applications.</td></tr>
<tr><td>Programme Outcome :</td><td colspan="3">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.</td></tr>
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<table>
<tr><td>Assessment Code :</td><td>A4</td><td>Weightage of Content :</td><td>As per syllabus weightage</td></tr>
<tr><td>Assessment Type :</td><td>Mini Project</td><td>Tentative Date :</td><td>End of Semester</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Student team will prepared demonstration on verified topic and represent in class followed by viva.</td></tr>
<tr><td>To measure :</td><td colspan="3">Analysis</td></tr>
<tr><td>Rules:</td><td colspan="3">Each team of students shall have minimum 4 members.
• The submission shall be done in group.
• Late submission of more than 3 days will not be accepted.
• The evaluation shall be done on the basis of presentation, viva and demonstration of implementation.
<table>
<tr><th>Task to be Accomplished</th><th>Marks</th><th>Date of Submission</th></tr>
<tr><td>Topic selection and submission.</td><td>5</td><td>2-01-2019</td></tr>
<tr><td>Final presentation with demonstration:
• System Clarity: 10
• Presentation Skill: 10
• Syllabus Concept usage in system implementation: 20
• Viva: 5</td><td colspan="2">Before end of term</td></tr>
</table></td></tr>
<tr><td>Course Outcome :</td><td colspan="3">CO1. Comprehend key features of .NET framework and its class library. CO2. Illustrate basic constructs of C# language.
CO3. Create windows form, react to its events and manipulate its content in code.
CO4. Design rich integrated and GUI windows applications.
CO5. Demonstrate data access, data manipulation and data binding techniques using ADO.NET.</td></tr>
<tr><td>Programme Outcome :</td><td colspan="3">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.</td></tr>
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<table>
<tr><td>Assessment Code :</td><td>A5</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>2</td><td>75%</td></tr><tr><td>3</td><td>25%</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Unit Test-1 (Practical)</td><td>Minimum number of practicals to be certified as eligibility to appear: 06</td><td>Tentative Date:

During 5th week.</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q1. Draw a UML diagram for the given problem definition or describe the properties of various controls. [05]
Q2. Develop a console application. [15]</td></tr>
</table>

To measure :	Application
Course Outcome :	CO2: Illustrate basic constructs of C# language.
Programme Outcome :	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.

Assessment Code :	A5	**Weightage of Content :**	**Unit** / 2 to 5	**(%)** / 100%
Assessment Type :	Unit Test-2 (Practical)	**Minimum number of practicals to be certified as eligibility to appear: 09**	**Tentative Date:** During 11th week.	
Kind of Question Format:	Q1 Draw a UML diagram for the given problem definition or describe the properties of various controls. [05] Q2. Develop window application. [15]			
To measure :	Application and Analysis			
Course Outcome :	CO2: Illustrate basic constructs of C# language. CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications. CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.			
Programme Outcome :	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.			

Assessment Code :	A6	**Weightage of Content :**	**Unit** / 2 to 6	**(%)** / 100%
Assessment Type :	Section Examination including viva (Practical)	**Minimum number of practicals to be certified as eligibility to appear: 15**	**Tentative Date:** During 13th week.	
Kind of Question Format:	Q1. Draw a UML diagram for the given problem definition or describe the properties of various controls. [05] Q2. Develop a window application. [20] Q3. Viva. [05]			
To measure :	Application and Analysis			

Course Outcome :	CO2: Illustrate basic constructs of C# language. CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications. CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.
Programme Outcome:	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.

<table>
<tr><td>Assessment Code :</td><td>A7</td><td>Weightage of Content :</td><td><table><tr><th>Unit</th><th>(%)</th></tr><tr><td>4</td><td>35%</td></tr><tr><td>5</td><td>30%</td></tr><tr><td>6</td><td>35%</td></tr></table></td></tr>
<tr><td>Assessment Type :</td><td>Semester End Practical Examination(SEPE)</td><td>Minimum number of practicals to be certified as eligibility to appear: 18</td><td>Tentative Date:

End of term</td></tr>
<tr><td>Kind of Question Format:</td><td colspan="3">Q1. Draw a UML diagram for the given problem definition or describe the properties of various controls. [05]
Q2. Develop a window application.
[20] Q3. Viva. [05]</td></tr>
<tr><td>To measure :</td><td colspan="3">Knowledge, Application and Analysis</td></tr>
<tr><td>Course Outcome :</td><td colspan="3">CO2: Illustrate basic constructs of C# language.
CO3: Create windows form, react to its events and manipulate its content in code. CO4: Design rich integrated and GUI windows applications.
CO5: Demonstrate data access, data manipulation and data binding techniques using ADO.NET.</td></tr>
<tr><td>Programme Outcome :</td><td colspan="3">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.</td></tr>
<tr><td>Conduction:</td><td colspan="3">The examination shall be conducted by team of evaluators which shall comprise of course teacher too.</td></tr>
</table>

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.