

BCA

030010310: CC7 Java Programming

Assessment Policy

Assessment:

The weightage of CIE and University examination shall be as per the University regulations.

- 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	1 hours	1	20	4 x 1 = 4	Shall be taken at the end of 1 st , 2 nd (Partial) Unit.
A2	Open Book	1 hours	1	20	4 x 1 = 4	Shall be taken at the end of 3 rd and 4 th (Partial)
A3	Unit Test	1.5 hours	2	30	6 x 2 = 12	Shall be taken at the end of 1 st , 2 nd , 3 rd Unit (Partial).
						Shall be taken at the end of 4 th , 5 th and 6 th Unit (Partial).
A4	Internal Examination	3 hours	1	60	15 x 1 = 15	Covers all Units
A5	Assignment and Poster Presentation	-	6	10	5 x 1 = 5	Covers all Units

The weightage of CIE and University examination shall be as per the University regulations.

- Composition of CIE shall be (For Practical)

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage (75) Marks	Remarks
A6	Unit Test	2 hours	2	20	6 x 2 = 12	Shall be taken at the end of 1 st , 2 nd , 3 rd Unit (Partial).
						Shall be taken at the end of 4 th , 5 th and 6 th Unit (Partial).
A7	Section Test	3 Hours	1	30	18 x 1 = 18	Shall be taken from 1 st , 2 nd , 3 rd , 4 th and 5 th Unit.
A8	Semester End Examination	3 hours	1	30	30 x 1 = 30	Shall be taken at the end of 1 st and 2 nd .
A9	Journal/Viva	-	-	225	15 x 1 = 15	From All Unit

Assessment Type Classification:

Assessment Code :	A1	Weightage of Content :	Unit	(%)
			1	80
			2	20
Assessment Type :	Quiz	Tentative Date :	3rd week of July	
Kind of Question Format:	Q-1: Choose most appropriate answer from the options for questions (10 X 1 = 10 Marks) Q-2: Do as directed (5 X 2 = 10 Marks)			
To measure :	Knowledge			
Course Outcome :	CO1: Describe and use of core Java concept. CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A2	Weightage of Content :	Unit	(%)
			3	90
			4	10
Assessment Type :	Open Book	Tentative Date :	4 th Week of August	
Kind of Question Format:	Q-1: Do as directed.(5 X 3 = 15 Marks) Q-2: Answer the question in short. (5 X 1 = 5 Marks)			
To measure :	Knowledge			
Course Outcome :	CO3: Create classes, objects as per the need of problem definition. CO4: Describe and implement the concept of inheritance and overriding functions.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A3	Weightage of Content :	Unit	(%)
			1	40
			2	30
			3	30
Assessment Type :	Unit Test 1	Tentative Date :	1 st week of August	
Kind of Question Format:	Q-1: (A) Short answer questions (4 out of 4) [Each of 1 mark] (B) Short answer questions(3 out of 4) [Each of 2 marks] Q-2: (A)Practical Based questions (2 out of 1)[Each of 5 marks] (B)Practical Based questions (2 out of 1)[Each of 5 marks] Q-3: Answer the question in detail(2 out of 3)[Each of 5 marks]			
To measure :	Knowledge			
Course Outcome :	CO1: Describe and use of core Java concept. CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file.			

	CO3: Create classes, objects as per the need of problem definition.
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.

Assessment Code :	A3	Weightage of Content :	Unit	(%)
			4	40
			5	40
			6	20
Assessment Type :	Unit Test 2	Tentative Date :	1 st week of September	
Kind of Question Format:	Q-1: (A) Short answer questions (4 out of 4) [Each of 1 mark] (B) Short answer questions(3 out of 4) [Each of 2 marks] Q-2: (A)Practical Based questions (2 out of 1)[Each of 5 marks] (B)Practical Based questions (2 out of 1)[Each of 5 marks] Q-3: Answer the question in detail(2 out of 3)[Each of 5 marks]			
To measure :	Knowledge			
Course Outcome :	CO3: Create classes, objects as per the need of problem definition. CO4: Describe and implement the concept of inheritance and overriding functions. CO5: Develop programs using interface and package.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A4	Weightage of Content :	Unit	(%)
			1	10
			2	20
			3	20
			4	20
			5	16
			6	14
Assessment Type :	Internal	Tentative Date :	4 th week of September	
Kind of Question Format:	As per External paper format.			
To measure :	Knowledge and Analysis			
Course Outcome :	CO1: Describe and use of core Java concept. CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file. CO3: Create classes, objects as per the need of problem definition. CO4: Describe and implement the concept of inheritance and overriding functions. CO5: Develop programs using interface and package.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A5	Tentative Submission Date :	Assignment : After completion of Each Unit (5 Times)
Assessment Type :	Assignment and Poster Presentation		Poster Presentation : End of Semester
Kind of Question Format:	Assignment: Total 12 short answer question and 18 long answer question.		
To measure :	Conceptual knowledge regarding Java as well as Writing and Presentation Skill		
Course Outcome :	<p>CO1: Describe and use of core Java concept.</p> <p>CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file.</p> <p>CO3: Create classes, objects as per the need of problem definition.</p> <p>CO4: Describe and implement the concept of inheritance and overriding functions.</p> <p>CO5: Develop programs using interface and package.</p>		
Rules :	<p>Assignment :</p> <ul style="list-style-type: none"> • Team of maximum 8 students shall be decided by course teacher in beginning of semester. • At end of each unit, 2 short answer and 3 long answer question will be assigning to each team of students by course teacher. • Students have to submit assignment within 5 days of assigned date. • No submission shall be accepted thereafter with the corresponding mark set to 0. • Each assignment evaluation will be based on following criteria : (50 Marks) <ul style="list-style-type: none"> ○ Quality of content and viva (10 Marks) <p>Poster Presentation :</p> <ul style="list-style-type: none"> • At end of semester each team has to present the poster by selecting any topic from syllabus and each member have to present that. Other teams can ask questions and according to their answer evaluation will be done. • Each team will be given 10 minutes time for presentation and 5 Minutes for viva. <p>Evaluation will be based on following criteria : (50 Marks)</p> <ul style="list-style-type: none"> ○ Poster Design (15 Marks) ○ Presentation and Communication Skill (10 Marks) ○ Concept clarity (15 Marks) ○ Question- Answer Session (10 Marks (5 by Student and 5 by teacher) 		
Bonus Policy :	<ul style="list-style-type: none"> • A student shall have bonus 2 marks on asking minimum 3 good questions to presenting team. • A student who has already received bonus marks shall not be eligible to get more bonus marks but he/she may raise questions during question-answer session. 		
Penalty Policy :	<ul style="list-style-type: none"> • A presenting team shall be penalize by 5% of achieved marks if they exceeds the presentation duration then 17 minutes. [A warning shall be given at the Completion of 15 minutes.] And after 20 minutes no Question - Answer session will be done. 		
Programme Outcome :	<p>PO1: Ability to understand the concepts of key areas in computer science.</p> <p>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.</p> <p>PO3: Effective communication and presentation skill.</p> <p>PO4: Ability to understand professional and ethical responsibility.</p> <p>PO5: Recognition of the need for life-long learning.</p>		

Assessment Code :	A6	Weightage of Content :	Unit	(%)
			1	20
			2	50

			3	30
Assessment Type :	Unit Test 1	Minimum number of practicals to be certified as eligibility to appear:4	Tentative Date : 1st week of August	
Kind of Question Format:	Q: 1 Write an algorithm for Q-2 problem. (1 X 3 = 3 Marks) Q:2 Solve the practical Problem.(1X12 = 12 Marks) Q:3 Viva : 5 marks			
To measure :	Knowledge			
Course Outcome :	CO1: Describe and use of core Java concept. CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file. CO3: Create classes, objects as per the need of problem definition.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A6	Weightage of Content :	Unit	(%)
			4	40
			5	40
			6	20
Assessment Type :	Unit Test 2	Minimum number of practicals to be certified as eligibility to appear: 12	Tentative Date : 1st week of September	
Kind of Question Format:	Q:1 Draw class diagram for Q-2 problem. (1 X 3 = 3 Marks) Q:2 Solve the practical Problem.(1X12 = 12 Marks) Q:3 Viva : 5 marks			
To measure :	Knowledge			
Course Outcome :	CO3: Create classes, objects as per the need of problem definition. CO4: Describe and implement the concept of inheritance and overriding functions. CO5: Develop programs using interface and package.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A7	Weightage of Content :	Unit	(%)
			2	10
			3	30
			4	30
			5	30
Assessment Type :	Section Test	Minimum number of practicals to be certified as eligibility to appear: 14	Tentative Date : 3rd week of September	
Kind of Question Format:	Q:1 Draw class diagram for Q-2 problem. (1 X 5 = 5 Marks) Q:2 Solve the practical Problem.(1X20 = 20 Marks) Q:3 Viva : 5 marks			
To measure :	Knowledge			

Course Outcome :	CO1: Describe and use of core Java concept. CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file. CO3: Create classes, objects as per the need of problem definition. CO4: Describe and implement the concept of inheritance and overriding functions. CO5: Develop programs using interface and package.
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.

Assessment Code :	A8	Weightage of Content :	Unit	(%)
			2	10
			3	30
			4	30
			5	20
			6	10
Assessment Type :	Semester End Exam	Minimum number of practicals to be certified as eligibility to appear: All	Tentative Date : End of Semester	
Kind of Question Format:	Q:1 Draw class diagram for Q-2 problem. (1 X 5 = 5 Marks) Q:2 Solve the practical Problem.(1X20 = 20 Marks) Q:3 Viva : 5 marks			
To measure :	Knowledge			
Course Outcome :	CO1: Describe and use of core Java concept. CO2: Demonstrate the concept of control flow, exception and perform different operation on arrays and file. CO3: Create classes, objects as per the need of problem definition. CO4: Describe and implement the concept of inheritance and overriding functions. CO5: Develop programs using interface and package.			
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. PO4: Ability to understand professional and ethical responsibility. PO5: Recognition of the need for life-long learning.			

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- No make-up work shall be accepted for missed or failed test.
- 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 Course coordinator; (iii) report to the Director.