

BCA (3rd Semester)
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	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Quiz	1 hour	20	5	Shall be taken at the end of 1 st , 2 nd (Partial) Unit.
A2	Mid Term	1.5 hours	30	10	Shall be taken at the end of 1 st , 2 nd , 3 rd and 4 th Unit (Partial).
A3	Internal Examination	3 hours	60	15	Covers all Units
A4	Competition and Poster Presentation	1.5 hours	50	10	Covers all Units.

Remark: Above mentioned assessment type is taken only once during whole semester.

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
A5	Section Test	2 hours	2	30	15 x 2 = 30	Shall be taken at the end of 1st, 2nd, 3rd Unit.
						Shall be taken at the end of 4th, 5th and 6th Unit.
A6	Semester End Examination	3 hours	1	30	30	From All Unit
A7	Practical Assignment/Viva	-	During Semester	-	15	From All Unit

Course Outcomes: Upon completion of the subject, students shall be able to,

C01: Describe and use core Java concepts.

C02: Demonstrate the concept of control flow, exception and perform different operation on arrays and file.

C03: Create classes, objects as per the need of problem definition.

C04: Describe and implement the concept of inheritance, polymorphism and overriding functions.

C05: Develop programs using interface and package.

Program Outcome: The student will have

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	Course Outcomes					Program Outcomes				
	C01	C02	C03	C04	C05	PO1	PO2	PO3	PO4	PO5
A1	•	•				•				
A2	•	•	•	•		•	•			
A3	•	•	•	•	•	•	•			•
A4	•	•	•	•	•	•	•	•	•	•
A5	•	•	•			•	•	•	•	•
A6			•	•	•	•	•	•	•	•
A7	•	•	•	•	•	•	•			•

Assessment Type Classification:

Assessment Code :	A1	Weightage of Content :	Unit	(%)
			1	70
			2	30
Assessment Type :	Quiz	Tentative Date :	17/07/2018	
To measure :	Concept Understanding			
Kind of Question Format:	Q-1: Short Question Answer (2 X 5 = 10 Marks) Q-2: Multiple Choice Questions. (1 X 10 = 10 Marks)			

Assessment Code :	A2	Weightage of Content :	Unit	(%)
			1	30
			2	30
			3	30
			4	10
Assessment Type :	Mid Term	Tentative Date :	21/08/2018	

Kind of Question Format:	Q.No	Detail	Mark of Each	Category	Remarks
	Q:1(a)	Answer in short.	1	Understanding	4 out of 5
	Q:1(b)	Answer in brief.	2	Understanding	3 out of 4
	Q:2	Practical's /scenario based Question (Refer Practical Assignment List)	5	Analysis	2 out of 3
	Q:3	Answer in detail	5	Remembering	2 out of 3
To measure :	Analysis skill and Concept Understanding				

Assessment Code :	A3	Weightage of Content :	Unit	(%)	
			1	10	
			2	20	
			3	20	
			4	20	
			5	16	
			6	14	
Assessment Type :	Internal Examination	Tentative Date :	1 st week of October		
Kind of Question Format:	Q.No	Detail	Mark of Each	Category	Remarks
	Q:1(a)	Answer in short.	1	Understanding	4 out of 4
	Q:1(b)	Answer in brief.	2	Understanding	3 out of 4
	Q:2	Practical's /scenario based Question (Refer Practical Assignment List)	5	Analysis	2 out of 4
	Q:3	Answer in detail	5	Remembering	2 out of 3
	Q:4(a)	Answer in short.	1	Understanding	4 out of 4
	Q:4(b)	Answer in brief.	2	Understanding	3 out of 4
	Q:5	Practical's /scenario based Question (Refer Practical Assignment List)	5	Analysis	2 out of 4
	Q:6	Answer in detail	5	Remembering	2 out of 3
To measure :	Knowledge , Analysis				

Assessment Code :	A4	Tentative Submission Date :	Competition : 19/09/2018 Poster Presentation : 21/09/2018														
Assessment Type :	Competition and Poster Presentation																
Kind of Question Format:	<p>Competition: Students will ask to develop an algorithm of Operating System with the use of Java Programming Concept.</p> <p>Poster Presentation: Student have to create and present Java programming concept on poster in front of other students.</p>																
To measure :	Conceptual and Technical Knowledge																
Rules :	<p>As per the student keen interest towards computer science domain, student can choose one of the following CIE Parameter and inform the Subject teacher in first three week of Semester with their team details.</p> <p>Team can be form of maximum 2 students. Team shall be form by student and send detail to course teacher by 10th August 2018.</p> <p>Code Competition :</p> <p>This CIE will be taken with collaboration of 030030312 - CC9 Fundamentals of Operating System Subject. So the team will be same for the both subject.</p> <p>This Competition is way to encourage students to showcase their technical skill in Java Programming and Operating System subject.</p> <p>Students have to follow the basic rules of competition as mentioned below :</p> <ol style="list-style-type: none"> 1. For the competition student may create pair with other student. So 2 students will present team. 2. Each team were given Operating System algorithm(s) (Like Process Operation, Process Scheduling Algorithm, Disk Scheduling Algorithm and Page Replacement Algorithm etc.) to be developed with Java programming concept. 3. After completion of competition each students of team will be evaluated based on their implementation and viva regarding Java Programming. <p>Evaluation will be based on following criteria : (50 Marks)</p> <table border="1"> <tr> <td>Complete solution submission on or before 1.5 hour after start of Competition</td> <td>10 Marks</td> </tr> <tr> <td>Implementation of Java Programming Concepts.</td> <td>25 Marks</td> </tr> <tr> <td>Viva based on Java Programming knowledge and implementation. (Within next week of competition)</td> <td>15 Marks</td> </tr> </table> <p>OR</p> <p>Poster Presentation :</p> <ul style="list-style-type: none"> • Team has to create poster at Institute based on given topic by Course teacher on the same day of Poster Presentation. (Topics will be from the course only) • Team has to present the poster after creation of it. Each member have to present that Poster in front of other students. • Student have to present poster in SRIMCA Dome, Where other students can visit and ask questions. • Each team will be given 10 minutes time for presentation and 10 Minutes for viva. Evaluator will evaluate Poster and take viva of team. <p>Evaluation will be based on following criteria : (50 Marks)</p> <table border="1"> <tr> <td>Poster Clarity and innovation</td> <td>10 Marks</td> </tr> <tr> <td>Implementation of Concept</td> <td>20 Marks</td> </tr> <tr> <td>Presentation and Communication Skill</td> <td>10 Marks</td> </tr> <tr> <td>Question- Answer Session</td> <td>10 Marks</td> </tr> </table>			Complete solution submission on or before 1.5 hour after start of Competition	10 Marks	Implementation of Java Programming Concepts.	25 Marks	Viva based on Java Programming knowledge and implementation. (Within next week of competition)	15 Marks	Poster Clarity and innovation	10 Marks	Implementation of Concept	20 Marks	Presentation and Communication Skill	10 Marks	Question- Answer Session	10 Marks
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Practical Assessment Parameters:

Assessment Code :	A5	Weightage of Content :	Unit	(%)
			1	20
			2	50
			3	30
Assessment Type :	Section Test - 1	Minimum number of practical's to be certified as eligibility to appear:4	03/08/2018	
Kind of Question Format:	Q: 1 Write an algorithm for Q-2 problem and Sample calculation of testing data. (1 X 5 = 5 Marks) Q: 2 Solve the practical Problem.(1X15 = 15 Marks)			
To measure :	Technical knowledge			

Assessment Code :	A5	Weightage of Content :	Unit	(%)
			4	40
			5	40
			6	20
Assessment Type :	Section Test - 2	Minimum number of practicals to be certified as eligibility to appear:8	05/09/2018	
Kind of Question Format:	Q:1 Do as directed. (1 X 3 = 3 Marks) Q:2 Solve the practical Problem.(1X12 = 12 Marks) Q:3 Viva : 5 marks			
To measure :	Technical knowledge			

Assessment Code :	A6	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 : 1 st week of October	
Kind of Question Format:	Q:1 Do as directed. (1 X 5 = 5 Marks) Q:2 Solve the practical Problem.(1X20 = 20 Marks) Q:3 Viva : 5 marks			
To measure :	Technical knowledge			

Assessment Code :	A7	Evaluation :	During Semester in laboratory session
Assessment Type :	Practical Assignment / Viva	Tentative Assignment certification :	1 st week of October.
Kind of Question Format:	<ul style="list-style-type: none"> Total 13 practical questions assign from the syllabus content as per the given table. After 13th practical assignment course teacher will give mini application which will covers all the unit of course. Each practical will be evaluated based on Solution and Viva. 		

To measure :	Technical knowledge
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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.