

BCA 3rd Semester
Course: 030010312 – CC9 Fundamentals of Operating System
ASSESSMENT POLICY

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 marks	of	Weightage in CIE of 40 marks
A1	Quiz	1 Hour	1	20		4X1=4
A2	Unit Test	1 .5 Hour	1	30		6 X2 =12
A3	Open Book	1 Hours	2	20		4X1=4
A4	Internal Examination	3 Hours	1	60		15X1=15
A5	Self-Creation Parameter	20 minute for presentation	1	10		5X1=5

Assessment Type Classification:

Assessment Code :	A1	Weightage of Content :	Unit	(%)
			Unit-1	20%
			Unit-2	80%
Assessment Type :	Quiz 1	Tentative Date :	29 July, 2017	
Kind of Question Format:	1) Short Answer Questions[1*10=10] 2) Multiple Choice Questions(10 Questions of 0.5 mark each) 3) State 'True' or 'False' with justification [1*5=5]			
To measure :	Knowledge			
Course Outcome :	CO1: Describe Operating System concepts, services and structure. CO2: Describe process concept and process scheduling algorithms.			
Programme Outcome	PO1: Ability to understand the concepts of key areas in computer science. PO5: Recognition of the need for life-long learning.			

Assessment Code	A2	Weightage of Content :	Unit	(%)
			Unit-1	10%
			Unit-2	40%
			Unit-3	50%
Assessment Type	Unit Test 1	Tentative Date :	2 nd week of August	
Kind of Question Format:	Q-1 A) Do as directed [1*4=4] B) Answer the following in brief (Any 3) [3*2=6] Q-2 Practical/Scenario based two problems (Each of 5 Marks) [2*5=10] Q-3 Answer the following in detail. (Any 2) [2*5=10]			
To measure :	Knowledge, Comprehension and Analysis			
Course Outcome :	CO1: Describe Operating System concepts, services and structure. CO2: Describe process concept and process scheduling algorithms. CO3: Identify deadlock and its prevention and avoidance.			
Programme Outcome	PO1: Ability to understand the concepts of key areas in computer science. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A2	Weightage of Content :	Unit	(%)
			Unit-4	40%
			Unit-5	60%
Assessment Type :	Unit Test 2	Tentative Date :	2 nd week of September	
Kind of Question Format:	Q-1 A) Do as directed [1*4=4] B) Answer the following in brief (Any 3) [3*2=6] Q-2 Practical/Scenario based two problems (Each of 5 Marks) [2*5=10] Q-3 Answer the following in detail. (Any 2) [2*5=10]			
To measure :	Knowledge, Comprehension and Analysis			
Course Outcome:	CO4: Determine the concept of memory management and virtual memory management			
Programme Outcome	PO1: Ability to understand the concepts of key areas in computer science. PO5: Recognition of the need for life-long learning.			

Assessment Code :	A3	Weightage of Content :	Unit	(%)
			Unit-3	50%
			Unit-4	50%
Assessment Type :	Open book test	Tentative Date :	6 September, 2017	
Kind of Question Format:	Q-1 Scenario based problem.			
To measure :	Knowledge			
Course Outcome :	CO3: Identify deadlock and its prevention and avoidance. CO4: Determine the concept of memory management and virtual memory management			

Programme Outcome	PO1: Ability to understand the concepts of key areas in computer science. PO5: Recognition of the need for life-long learning.
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Assessment Code :	A4	Weightage of Content :	From unit 1,2,3,4,5 and 6
Assessment Type :	Internal	Tentative Date :	3 rd week of October
Kind of Question Format:	Section1 Q-1 A) Do as directed [1*4=4] B) Answer the following in brief(Any 3) [3*2=6] Q-2 Practical/Scenario based two problems(Each of 5 Marks) [2*5=10] Q-3 Answer the following in detail.(Any 2) [2*5=10] Section 2 Q-4 A) Do as directed [1*4=4] B) Answer the following in brief(Any 3) [3*2=6] Q-5 Practical/Scenario based two problems(Each of 5 Marks) [2*5=10] Q-6 Answer the following in detail.(Any 2) [2*5=10]		
To measure :	Knowledge, Comprehension and Analysis		
Outcome:	CO1: Describe Operating System concepts, services and structure. CO2: Describe process concept and process scheduling algorithms. CO3: Identify deadlock and its prevention and avoidance. CO4: Determine the concept of memory management and virtual memory management. CO5: Describe file system concepts, Sharing and protection. CO6: Classify disk structure and disk scheduling algorithms.		
Programme Outcome	PO1: Ability to understand the concepts of key areas in computer science. PO5: Recognition of the need for life-long learning.		

Assessment Code :	A5	Weightage of Content :	From unit 1,2,3,4,5 and 6
Assessment Type :	Presentation	Tentative Date :	19-23 September, 2017
Kind of Question Ask :	Divide them in group and give them to demonstrate the Process and disk scheduling algorithms. Note : They can use any programming language to perform the task.		
To measure :	Knowledge, Comprehension and Analysis		
Course Outcome :	CO1: Describe Operating System concepts, services and structure. CO2: Describe process concept and process scheduling algorithms. CO3: Identify deadlock and its prevention and avoidance. CO4: Determine the concept of memory management and virtual memory management. CO5: Describe file system concepts, Sharing and protection. CO6: Classify disk structure and disk scheduling algorithms.		
Programme Outcome	PO1: Proficiency in and ability to identify problems related to computer science as well as design and apply computational knowledge to solve them. PO2: Ability to design, develop, test and maintain system, component, product or process as per needs and specification. PO4: Recognition of the need for and an ability towards life-long learning PO5: Knowledge of programming languages, database systems, operating systems, software engineering, Web & Mobile technology and relevant modern issues. PO6: Ability to demonstrate the use of modern tools, models and languages to solve problems related to software development.		