

BCA (1st Semester)
030010114: Fundamentals of Programming

ASSESSMENT POLICY

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

Composition of CIE shall be

Assessment Code	Assessment Type	Duration of each (Hour(s))	Frequency	Each of marks	Weightage in CIE of 40 marks	Assessment Date	Remarks
Theory Assessment							
A1	Quiz	1	1	20	5	03-08-2018	Unit 1 and 2.1 to 2.4
A2	Unit Test	1.5	2	30	16	Unit Test-1: 07-09-2018 Unit Test-2: 05-10-2018	UT1: Unit 1-20% Unit2-30% Unit3-50% UT2: Unit 1to3-20% Unit4-40% Unit5-40%
A3	Internal	3	1	60	12	16-10-2018	All Units
A4	Class Participation	-	-	50	7	During contact hours	Focus on: Alternative Solution, Unique Solution, Logical and syntax error finding and solution, Problem Solving Approach, etc.
Practical Assessment							
A5	Unit Test	1	2	20	6	Unit Test-1: 10-08-2018 Unit Test-2: 12-10-2018	UT1: Unit 1 & 2 UT2: Unit 1 to 5
A6	Section Test	2	1	20	6	23-10-2018	All Units

A7	Journal	-	-	300	4	-	Verify 20 Practical and post laboratory questions through viva during Laboratory by laboratory teacher
A8	Viva	-	1	20	4	2nd week of August onwards	Viva will be conducted during Laboratory by course teacher
A9	Semester End Test	3	1	30	30	End of semester	-

Assessment Type Mapping with Course Outcome and Program Outcome

Course Outcomes:

- C01: Describe the basic concepts of programming.
 C02: Solve problems through program development life cycle.
 C03: Design and develop programs using conditional and loop control statements.
 C04: Get knowledge about array and able to use for problem solving.
 C05: Design and develop programs using methods.
 C06: Design and develop derived data type and use in problem solving.

Programme Outcomes:

- P01: Ability to understand the concepts of key areas in computer science.
 P02: 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.
 P03: Effective communication and presentation skill.
 P04: Ability to understand professional and ethical responsibility.
 P05: Recognition of the need for life-long learning.

Programme Outcomes

Assessment Code	Course Outcomes										
	C01	C02	C03	C04	C05	C06	P01	P02	P03	P04	P05
A1	✓	✓					✓	✓		✓	✓
A2	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
A3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A5	✓	✓	✓	✓	✓		✓	✓		✓	✓
A6	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
A7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Assessment Type Classification: Theory

Assessment Code	Format
A1	Q.1: Short Questions [2 x 10 = 20 marks]
A2	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 mark) Q. 2) Long answer questions: [A] or [A] and [B] or [B](each of 5 mark) Q.3) Long answer questions (2 out of 3, each of 5 mark)
A3	Section-1 (from unit 1 to 3): 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 mark) Q. 2) Long answer questions: [A] or [A] and [B] or [B](each of 5 mark) Q.3) Long answer questions (2 out of 3, each of 5 mark) Section-2 (from unit 4 to 6): Q. 4) [A] Short answer questions (4 out of 4, each of 1 mark) [B] Short answer questions (3 out of 4, each of 2 mark) Q. 5) Long answer questions: [A] or [A] and [B] or [B](each of 5 mark) Q.6) Long answer questions (2 out of 3, each of 5 mark)

Assessment Type Classification: Practical

Assessment Code	Format
A5 and A6	Q-1: Write an algorithm and draw a flowchart for given Q-2 problem definition. [05 Marks] Q-2: Write a program to solve a given problem scenario. [15 Marks]
A9	Q-1: Write an algorithm and draw a flowchart for given Q-2 problem definition. [05 Marks] Q-2: Write a program to solve a given problem scenario. [20 Marks] Q-3: Viva [05 Marks]

UFM

- No make-up work shall be accepted for missed or failed tests.
- 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 Program coordinator; (iii) report to the Director; (iv) report to parents.