

M.Sc. (CA) (2nd Semester)

040020206: Computer Oriented Operations Research Methods

Assessment Policy

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remarks
A1	Internal	3 Hours	1	60	17 x 1 = 17	Cover all the units
A2	Unit Test	1.5 Hours	2	30	6 x 2 = 12	Cover Units 1, 2,3,4 & 5 (including major topic such as Linear programming problem, Transportation problem and Assignment problem, PERT and CPM)
A3	Quiz	45 Minutes	1	20	5 X 1 = 5	Cover units 1 and 2(including major topics such as Introduction to Operation Research, Simplex method for solution of LPP and types of solution)
A4	Presentation	-	1	20	6 x 1 = 6	Mathematical methods Implantations

Assessment Type Classification:

Assessment Code :	A3	Coverage of Content :	Topics covered form unit 1 & 2.
Assessment Type :	Quiz 1	Tentative Date :	12-02-2015
Kind of Question Format:	Q-1 Multiple choice questions will be asked. (All 20 questions are compulsory), marks will be 20 X 1 = 20 marks Total marks : A = 20 marks		
Assessment :	Formative		
To measure :	Knowledge		
Rules :	Not applicatble		
Outcome :	<ul style="list-style-type: none"> Identify and formulate mathematical models from description of the real problems. Recognize the importance and value of Operations Research to solve practical problems. To gain an understanding of operation research methods namely Linear Programming, Transportation Problem and Assignment Problem to interpret and analyze optimal solution of real problems. 		

Assessment Code :	A2	Coverage of Content :	Topics covered from Unit 1, 2 & 3.
Assessment Type :	Unit test 1	Tentative Date :	17-02-2015
Kind of Question Format:	Q1 (A) Do as Directed. <ul style="list-style-type: none"> All four question are compulsory , Marks will be $4 \times 1 = 4$ Marks Q1 (B) Answer the following brief <ul style="list-style-type: none"> Attempt any 3 questions out of 4, Marks will be $3 \times 2 = 6$ Marks. Q2 Answer the following. <ul style="list-style-type: none"> (A) Attempt any 1 questions out of 2, Marks will be $5 \times 1 = 5$ Marks (B) Attempt any 1 questions out of 2, Marks will be $5 \times 1 = 5$ Marks Q3 Answer the following in detail. <ul style="list-style-type: none"> Attempt any 2 questions out of 3, Marks will be $5 \times 2 = 10$ Marks 		
Assessment :	Formative		
To measure :	Knowledge		
Outcome :	<ul style="list-style-type: none"> Identify and formulate mathematical models from description of the real problems. Recognize the importance and value of Operations Research to solve practical problems. To gain an understanding of operation research methods namely Linear Programming, Transportation Problem and Assignment Problem to interpret and analyze optimal solution of real problems. Ability to understand and analyze managerial problems to optimize resources namely manpower, cost and time. 		

Assessment Code :	A2	Coverage of Content :	Topics covered from Unit 4, 5.
Assessment Type :	Unit test 2	Tentative Date :	05-04-2015
Kind of Question Format:	Q1 (A) Do as Directed. <ul style="list-style-type: none"> All four question are compulsory , Marks will be $4 \times 1 = 4$ Marks Q1 (B) Answer the following brief <ul style="list-style-type: none"> Attempt any 3 questions out of 4, Marks will be $3 \times 2 = 6$ Marks. Q2 Answer the following. <ul style="list-style-type: none"> (A) Attempt any 1 questions out of 2, Marks will be $5 \times 1 = 5$ Marks (B) Attempt any 1 questions out of 2, Marks will be $5 \times 1 = 5$ Marks Q3 Answer the following in detail. <ul style="list-style-type: none"> Attempt any 2 questions out of 3, Marks will be $5 \times 2 = 10$ Marks 		
Assessment :	Formative		
To measure :	Knowledge		
Outcome :	<ul style="list-style-type: none"> Recognize the importance and value of Operations Research to solve practical problems. To gain an understanding of operation research methods namely Linear Programming, Transportation Problem and Assignment Problem to interpret and analyze optimal solution of real problems. Ability to understand and analyze managerial problems to optimize resources namely manpower, cost and time. To design a model of a real system and conducting experiments for the purpose of understanding the behavior of the system and evaluating strategies for the system. 		

Assessment Code :	A4	Coverage of Content :	Topics covered from all units (After the completion of All each Unit)
Assessment Type :	Presentation	Tentative Date :	13-04-2015
Kind of Question Format:	Students shall be divided in a group of two members. Group of students have to submit a document and also have to give presentation for the given problem definition. Problem definitions shall be given to student at the time of commentsment of semester.		
Assessment :	Formative		
To measure :	Knowledge		
Outcome :	To provide basic understanding of different approaches to mathematical model formulation and finding optimize solutions to solve computer science problem.		

Note: No make-up work shall be accepted for missed or failed tests.

UFM policy

- If two or more submitted papers are too similar for coincidence, a penalty will be imposed that will usually be the same for the student who did the original as for the one copying form it.
- Any ascertained fact of breaking institute policy will 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.