	James Samuel
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Code No: 133BC NEHRU TECHNOLOGIC November/Dec	SCIE
Code No: 133BC JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY OF COMPUTER B. Tech II Year I Semester Examinations, November/Dece B. Tech II Year I Semester Examinations OF COMPUTER MATHEMATICAL FOUNDATIONS OF COMPUTER (Common to CSE, IT)	Max. Marks: 75
B. Tech II MATICAL FOOT TO CSE, 11)	Max. III
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Note: This question paper contains two parts A and B. This question paper contains two papers A and B. This question paper contains two papers A and B. This question paper contains	ions in Part 12
oper contains two parts. Answer and que	stion from cas
This question paper, which carries any one lun of	estions.
Note: This quark A is compulsory with the Answer and Answer and A sub quark A is compulsory with the Answer and A may have a, b, c as sub quark the sub-quark transfer and t	200
Part B consists of 10 marks and may	(25 Marks)
Note: This question paper contains to the part A is compulsory which carries 25 marks. The Part A is compulsory which carries 25 marks. The Part A is compulsory which carries 25 marks. The part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks. The part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which carries 25 marks are part A is compulsory which are part A is compulsory w	[2]
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asa. QU OD	[3]
Find the negative of $p \rightarrow q$. Find the negative of $p \rightarrow q$. Test the validity of the following argument $q \rightarrow q \rightarrow r$: $p \land r \rightarrow r$	[2]
	121
b) Test the variable $r : P : P : P : P : P : P : P : P : P : $	$f(a)^{-1} = f(a^{-1}) \cdot $ ligits
$p \wedge r \rightarrow q$, then find $f(y)$. C then prove that	10000 with the dights
$f(x) = x^{2} - 0$ whism and $a \in S$	ater than 4000
1.a) Test the validity of the r $p \wedge r \rightarrow r$ $p \wedge r $	
d) If f: O ₁ s digit numbers are p	z∈12. [2]
How many	[3]
har of Dosie	
f) Find the number relation $u_{n+2} = u_{n+1}$	m
of the sequence is a fifth of the sequence is a sequence i	
Solvo de Constituti de 1 1 1	(2)
g) Solve the generating function of the	the graph. [2]
g) Solve the generating function of the $\begin{bmatrix} 0 & 1 & 0 \\ 1 & 0 & 1 & 1 \end{bmatrix}$	then draw the graph. [2]
h) Find the generating function $\begin{bmatrix} 0 & 1 & 0 \\ 1 & 0 & 1 \end{bmatrix}$	then draw the graph.
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