Total No. of Questions – [03]

E

Total No. of Printed Pages: 01

G.R. No.	10
	19
	and the second se

paper ude comp: U239-142(T1)

OCTOBER 2019/ INSEM (T1) S. Y. B.TECH. (COMPUTER ENGINEERING/ INFORMATION TECHNOLOGY) (SEMESTER – III)

COURSE NAME: DISCRETE MATHEMATICS COURSE CODE: ES21182CS / ES21182IT

(PATTERN 2018)

Ti	ma. [(PATTERN 2018)		
Time: [1 Hour]		[Max.]	[Max. Marks: 20]	
(*)	Insti	ructions to candidates:		
1)	A	I questions are compulsory.		
2)	Fi	gures to the right indicate full marks.		
3)	Us	se of scientific calculator is allowed.		
4)	As	sume suitable data where ever required.		
		and there ever required.		
		MARKING SCHEME	*	
Q 1				
a)	I)	1 months to some line 1	marks	
u)	IJ		04	
	щ		04	
		1 mark hypothesis		
		2 marks inductive step		
b)	I)	1 mark to formula		
0)	1)	2 marks for solving	04	
		1 mark for correct answer		
	II)	Fach diagram 1 mark		
	11)	Each diagram 1 marks	04	
Q 2		그는 것은 그렇는 것은 것을 물었다. 그렇는 것은 것은 것이 가지 않는 것이 없는 것이 없다. 것이 같이 있는 것이 없는 것이 없이 않지 않이 않이 않 않이 않이 않 않이 않이 않이 않이 않이 않이 않이 않이		
a)	I)	2 marks to each and		
u)	1)	2 marks to each sub question	04	
	II)	2 marks to each hasse diagram		
)	2 marks to each hasse diagram	04	
		OB		
b)	I)	1 mark to each sub question		
	Í)	1 mark to each correct matrix	04	
			04	
Q 3				
	a)	3 marks for path calculation (distance calculation) steps, 1 mark for fina	0.4	
		path	· 04	
		OR		
	b)	1 mark for answer and 1 mark for explanation Hamiltonian	04	
		1 mark for answer and 1 mark for explanation - Fulerian	04	