Code No: 117FN

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B: Tech IV Year I Semester Examinations, March 2017 MOBILE COMPUTING

(Computer Science and Engineering)

	Max. Marks: 75
Time: 3 Hours	Max. Marks. 75
Note: This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all part B consists of 5 Units. Answer any one full question full question are sub questions.	questions in Part A. From each unit. Each
Part- A (25 Marks)	
(2001)	[2]
1.a) List the security concerns of GSM. b). Write about mobile computing architecture layers.	
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03 f 1 11 TD11	[3]
d) Describe the "working of Mobile IP".e) Mention about "Query processing architecture" in brief.	[2]
f) What is transaction oriented TCP in mobile transport layer.	[3]
g) What is communication asymmetry?	[2]
h): :::What is SMIL?:	: [3] :: [3]
i) Write short notes on TORA.	
j) List the specifications of SYMBION OS for Smartphone.	[3]
j) Ziot die Specialis	
Part-B (50 Marks)	
2.a) What are the limitations of mobile and handhold devices?	
b) Give the system architecture of GSM.	** [5+5]
OR	
3. Explain about "Radio interfaces for GSM" in detail.	[10]
	statement with suitable
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