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Code No: A2505

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech I Semester Examinations, March/April-2011

WIRELESS NETWORKS AND MOBILE COMPUTING

(SOFTWARE ENGINEERING)

Time: 3hours

Max. Marks: 60

Answer any five questions
All questions carry equal marks

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- 1.a) Explain about the radio interface of GSM.
- b) Describe about the GSM services. [12]
- 2.a) Compare SDMA, TDMA and CDMA.
- b) Explain about the Hidden and exposed terminals. [12]
3. Explain about the Dynamic Host Configuration Protocol. [12]
- 4.a) Explain about selective retransmission technique in TCP.
- b) What are the advantages and disadvantages of snooping TCP? [12]
- 5.a) Explain about caching invalidation mechanisms.
- b) Describe the query processing architecture for processing a query using distributed databases. [12]
6. Describe the hybrid data delivery mechanisms. What are the advantages of hybrid data delivery? [12]
7. Explain about the DSR algorithm. [12]
8. Describe the architecture of J2ME stock. [12]
