Code.No: 37343 | R05 | SET-2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
IV.B.TECH - I SEMESTER REGULAR EXAMINATIONS NOV/DEC, 2009
MOBILE COMPUTING
(Common to CSE, IT, ECC)

Time: 3hours **Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

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1. Describe the handover and services available in GSM.

2. Explain Code Division Multiplexing and also explain its advantages and disadvantages.

3. Explain the header fields of IP-in-IP, minimal, generic routing encapsulation.

4.a) What are the special requirements in transport layer protocols in case of 2.5 G/3G mobile networks.
b) Describe about the indirect TCP.

5. Explain in detail about caching invalidation mechanism.

6.a) Explain the functions of pull based mechanisms with a neat sketch.
b) Explain about Hash-based method.

7.a) What are the applications of MANET.
b) Distinguish between proactive and reactive routing protocols.

8. Describe briefly the layers in Bluetooth protocol with a neat sketch.
