

Roll No.

23072

M. Tech. 2nd Semester (CSE)

Examination – May, 2016

MOBILE AND WIRELESS COMMUNICATION

Paper : MTCE-606-A

Time : Three Hours] [Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper.

No complaint in this regard, will be entertained after examination.

Note : Attempt any five questions. All questions carry equal marks.

1. Explain the following : 20
- (a) Signal Propagation
 - (b) Spread Spectrum
 - (c) Cellular System

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8. Write short notes on the following :

2. (a) Explain in detail about specialized MAC. 10
- (b) Give a complete description about ALOHA and CSMA. 10
3. What do you understand by satellite and broadcast systems ? Explain in detail. 20
4. (a) Give a brief idea about IEEE 802.11. 10
- (b) What do you mean by Bluetooth ? Explain. 10
5. Describe the following : 20
 - (a) Snooping
 - (b) Transaction oriented TCP
 - (c) Traditional TCP
 - (d) Indirect TCP
6. (a) What is WAP ? Explain its architecture. 10
- (b) Give a brief description about WLL. 10
7. Explain in detail about DHCP. 20

(a) Mobile IP

(b) PKMA

(c) Application Environment

(d) Tunneling