

**23072**

**M.Tech 2nd Semester (CSE) Examination,**

**May-2017**

**MOBILE & WIRELESS COMMUNICATION**

**Paper-MTCE-606-A**

*Time allowed : 3 hours]*

*[Maximum marks : 100*

*Note : Attempt any five questions.*

1. Describe the following : 20
  - (a) Signal
  - (b) Multiplexing
  - (c) Modulation
  - (d) Wireless Transmission.
2. Explain in detail about Digital Audio and Video Broadcasting. 20
3. (a) Describe the Protocol architecture of IEEE 802-11. 10  
(b) Explain the following terms : 10
  - (i) Optimization.
  - (ii) Reverse Tunneling.
4. Explain detail about CDMA and GSM. 20

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**P. T. O.**

5. (a) What do you mean by Mobile Transport Layer ?  
Explain. 10
- (b) Give a complete description about IPv6. 10
6. What is Mobile IP ? Explain its goals. Also explain  
about IP Packet delivery. 20
7. Give a complete description about Adhoc Networks.  
Explain in detail. 20
8. Write short note on following : 20
  - (a) Snooping
  - (b) Tunneling
  - (c) DAMA
  - (d) Registration