

Mobile Computing

Sem & Branch :- 6th Sem (IT)

CHEPT-1

Short Questions :-

1) What is mobile computing.

Long Questions :-

- 1) Write down the characteristics of MC
- 2) Write down the application of MC

CHEPT-2 :-

Short Questions :-

- a) Describe the C/S architecture
- b) Explain peer to peer architecture
- c) Explain Mobile agent architecture

Long Question :-

Describe n-tier architecture and WWW.

CHEPT-3 :-

Short Questions :-

1) Write short notes on following :-

- i) signals.
- (ii) Periods
- (iii) Frequency
- (iv) Bandwidth
- v) Modulation
- vi) Spread spectrum

## Long Questions:-

- 1) What is Antenna? Write down different types of antenna?
- 2) Write down the different types of multiplexing.
- 3) Explain about the cellular system

## CHEPT-4 :-

### Short Questions:-

- i) What is SDMA?
- ii) What is FDMA?
- iii) What is TDMA?
- iv) What is CDMA?

### Long Questions.

- (i) Explain about hidden / Exposed terminals
- (ii) Explain / Describe different basic access methods  
(SDMA, FDMA, TDMA, CDMA)

## CHEPT-5

### Short Question:-

- i) What is Infrared?
- ii) Write short notes on Bluetooth

### Long Question:-

- i) Explain wireless - LAN?
- ii) Write down Advantages and disadvantages of IR?
- iii) Explain / write Advantages and disadvantages of RF?
- iv) Explain IEEE 802.11

## CHEPT-6

### Long Questions :-

- i) Explain Scenario of Mobile Communication
- 2) Explain UMTS (Universal Mobile telecommunication System)

## CHEPT-7

### Short Questions :-

- i) Write down working function of
- (ii) what is mobile IP entities
- (iii) what is mobility agents?

### Long Questions :-

- (i) Explain Mobile IP V6 features in brief
- (ii) Differentiate between IPV4 and IPV6
- (iii) Explain working with mobile IP?

## CHEPT-8

### Short Questions :-

- i) Write the need of WAP
- ii) Write the benefits of WAP
- (iii) Write about WML
- (iv) Write the example of WAP

### Long Questions :-

- i) Explain the view architecture of mobile computing.
- ii) Explain WAP Architecture.
- iii) Explain / Describe WAP 2.x?

## CHEPT-9

### Short Questions

- i) What is GSM
- ii) What is GPRS
- iii) Write about CDMA-2000
- iv) What is WCDMA
- v) What is Wireless Sensor Network

### Long Questions

Write short notes on following :-

- a) GSM
- b) GPRS
- c) CDMA-2000
- d) WCDMA
- e) Wireless Sensor Network

## CHEPT-10

### Short Question

- i) What is SMS
- ii) What is MMS
- (iii) What is multimedia Transmission over wireless

### Long Question

- 1) Distinguish ~~between~~ between SMS and MMS
- 2) Describe about SMS
- 3) Describe about MMS
- 4) Explain multimedia Transmission over wireless.