

## Question Bank MOC

### Assignment-1

Explain the architecture of following mobile operating system:

- a) Blackberry
- b) iphone

### Assignment 2

1. Compare 1G, 2G, 2.5G, 3G, 4G, 5G technology.
2. What is soft handoff & hard handoff?
3. What are the main elements in signalling system no. 7 architecture? Describe them

### Assignment 3

1. What is SDMA?
2. What is FDMA? What is frequency duplex channel?
3. Compare SDMA, TDMA, FDMA and CDMA

### Assignment 4

- 1 Name the requirements for a mobile IP and justify them. Does mobile IP fulfil them all?
- 2 List the entities of mobile IP and describe data transfer node from a CN to MN and vice versa. Why and where encapsulation needed?
- 3,What advantages does the use of IPv6 offer for mobility? Where are the entities of mobile IP now?
4. Describe CDPD architecture.
- 5.Describe VOIP.
6. Describe WLL.

### Unit 5

1. Describe WAP architecture.
2. Discuss WAE logical model.

### Unit 6

1. Write a program to calculate percentages of students. Take five subject marks as a input from user.
2. Write a program to display college information. When user clicks on department , display dept details.