

Total number of printed pages-2

53 (CS 712) MBCP

2019

**MOBILE COMPUTING**

Paper : CS 712

Full Marks : 100

Time : Three hours

**The figures in the margin indicate full marks for the questions.**

Answer **any five** questions.

1. (a) Differentiate wired and wireless Networking with their advantages and disadvantages. 10
- (b) State and explain GPRS architecture. 10
2. (a) Differentiate FDMA, TDMA and CDMA with suitable examples. 10
- (b) Define Handoff. Explain its types. 10

Contd.

3. (a) Explain the concepts of hidden node and exposed node problem. 10  
(b) Write a short note on cell size and cell shape. 10
4. Describe the system and protocol architecture of IEEE 802.11 with suitable diagram. 20
5. Explain *any two* ad hoc routing protocols with an example for each. 20
6. (a) Explain about the key mechanism of Mobile IP. 10  
(b) Define QoS and QoE. 10
7. Explain clearly Indirect TCP and Snooping TCP. 20

