

**K. J. Somaiya Institute of Management Studies and Research
Vidyanagar, Vidyavihar, Mumbai 400 077**

Program: MCA (Batch 2016-19), Sem-III

**Subject: INTRODUCTION TO MOBILE COMPUTING
(End Term Examination)**

Max. Marks: 50

Time : 3 hrs.

Date: 10/11/17

- Note: (1) Question **no. 1** is compulsory
(2) Answer **any 4** from remaining.
(3) All Questions carries equal marks.

Sr. no.		Marks
1	Differentiate between WBAN, WPAN, WLAN, WMAN, WWAN	10
2	What is the role of SGSN and GGSN in GPRS network	10
3	Describe briefly WAP model and WAP gateway also describe the WAP protocol stack	10
4	Explain briefly principles of cellular networks with diagram	10
5	What is antenna and explain the functions performed by an antenna and types of antenna	10
6	Name the requirements of Mobile IP and justify them and explain the multicast routing in mobile adhoc networks	10
7	Short notes:[any two] Handovers LTE IEEE standards Signal	10

--All the Best--