K. J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH,
Vidyavihar, Mumbai- 400077

Program:*MCA (Batch2018-21), Sem-II*
Subject: Mobile Computing

Maximum Marks: 50
Duration: 2 hrs   **Date: 16/04/2019**

Note:
1. **Q 1 is compulsory**
2. **Attempt any 4 questions from the remaining**
3. **All Questions carries equal marks**

Sr. no.		marks
1	Describe the following with respect to WAP- WAP,WML, WTA, WDP and WSP	**10**
2	A. Describe 3G networks, how is 3G network different from 2G network B. Define LTE concept with example	**10**
3	Explain GGSN and SGSN in detail and HLR and VLR databases approach	**10**
4	What are advantages and problems of forwarding mechanisms in Bluetooth networks regarding security, power saving and network stability	**10**
5	A. Describe Antenna and different types of antenna B. Explain briefly mobile computing	**10**
6	A. How can DHCP be used for mobility and support of mobile IP B. Explain briefly multiplexing and distinguish between SDM,FDM,TDM & CDM	**10**
7	Short notes(any 2) ✓ Signal propagation ✓ WBAN ✓ Modulation[ASK,FSK,PSK]	**10**

------------------All the Best ------------------

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