MOBILE COMPUTING
5th Exam/IT/4628/May'16

Dduration: 3 Hrs.   **M .Marks=75**

SECTION-A

Q1 Fill in the Blanks   **1.5x10=15**

   i.   WI-MAX stands for………………………

   ii. GSM Stands for………………………

   iii. IP stands for………………………

   iv. GPRS stands for.........................

   v.   CDMA Stands for………………………

   vi. Symbian is a desktop operating system. (T/F)

   vii. IPv6 stands for………………………

   viii. 3G Stands for………………………

   ix. The next generation of internet protocol is IPv6. (T/F)

   x.   802.11 b has a maximum raw data rate of 11 Mbits/s. (T/F)

SECTION-B

Q 2. Attempt any five questions.   **5x6=30**

   i.   What are different features of WI-MAX?
   ii. Write a note on operating system for mobile devices.
   iii. Write a short note on CDMA technology.
   iv. What are advantages of WLAN.
   v.   Explain GPRS architecture.
   vi. What do you understand by Java Card.
   vii. Write features of J2ME technology.

SECTION-C

Attempt any three:-   **10x3=30**

Q 3. Write a short note on Bluetooth, RFID, WiMax&WiFi.

Q 4. Explain 3-tier mobile computing architecture.

Q 5. Explain design constraints in applications of handheld devices.

Q 6. Explain mobile computing through telephony.
Q7. Explain IEEE 802.11 a/b/g/n