

S.B. Roll No.....

MOBILE COMPUTING
5th EXAM/IT/4628/MAY-2017

Duration: 3 Hrs.

M. Marks: 75

SECTION-A

Q1. Fill in the blanks:

1x15=15

- a. Wi-Max stands for.....
- b. MMS stands for
- c. Wi-Fi stands for.....
- d. RFID stands for
- e. IPv6 stands for
- f. 3G stands for
- g. CDMA stands for
- h. GPRS stands for
- i. IP stands for.....
- j. VOIP stands for
- k. The basic GSM is based on.....traffic channels.
- l. IPV address consists of bits.
- m. Eight bit sections in IP address are known as
- n. The IEEE 802.11 standard define a layer.
- o. IP address has two parts: Network and

SECTION-B

Q2. Attempt any five questions.

5x6=30

- i. Explain various applications of GPRS.
- ii. Difference between GPRS and CDMA.
- iii. What is Bluetooth? What are the features of Bluetooth?
- iv. What is J2ME Technology?
- v. Describe Mobile IP in detail.
- vi. What are the advantages of WLAN?
- vii. What are the different features of Wi-Max?
- viii. Explain middlewares and gateways.

SECTION-C

Q3 Attempt any three questions.

3x10=30

- a. Explain 3-tier architecture of Mobile Computing.
- b. Explain protocol architecture of IEEE 802.11.
- c. Explain mobile computing through telephony.
- d. Explain wireless LAN and wireless MAN in detail.
- e. Explain RFID and WAP in detail.