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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(IT) (E-I 2011 Onwards) (Sem.-6)

MOBILE COMPUTING

Subject Code : BTIT-903

M.Code : 71177

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

Q1. Write brief about :

- a) GSM
- b) Mobile IP
- c) Mobile Agent
- d) I/O Interface
- e) Mobility services
- f) JSON
- g) Appcon
- h) Xpages
- i) Authentication
- j) Wireless LAN



SECTION-B

- Q2. Explain wireless LAN protocols. How it works?
- Q3. Write a note on transaction processing in mobile computing environment.
- Q4. What is Mobile Computing? Explain applications and limitations.
- Q5. Write a note on SMS notifications.
- Q6. Discuss the tools and framework used in Mobile development applications.

SECTION-C

- Q7. Give the overview of Mobile IP and its requirements, networks and characteristics.
- Q8. Write a note on Shell Development.
- Q9. What is WAP? Explain its architecture.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.