

[illegible]

Total No. of Questions : 09

M.Code : 71177

Max. Marks : 60

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.**

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.