

(Please write your Exam Roll No.)

Exam Roll No.

END TERM EXAMINATION**SIXTH SEMESTER [BCA] MAY-JUNE 2007****Paper Code:BCA-304****Subject: Mobile Computing****Time : 3 Hours****Maximum Marks :75****Note: Q1. is compulsory. Attempt any five questions from the rest of the questions.**

- Q1. Explain the following: (5x3=15)
- (a) Telematics
 - (b) Content Aggregator
 - (c) Wireless device Constraint
 - (d) Input element
 - (e) PPG
- Q2. (a) What are the factors enabling the convergence of wireless and wired world? (6)
- (b) How mobile Internet helping us to improve our productivity? (6)
- Q3. (a) Write all the stake holders of Business value chain and explain how Mobile ISP and Application Service Providers are generating revenues (7)
- (b) What is latency? How TCP behaves in high latency environment? (5)
- Q4. (a) What is the need of single mobile Internet Standard? How a single standard would benefit all the key players in Business value chain? (4)
- (b) Write all the layers of WAP protocol stack in order and explain Bearer adaptation and application environment. (8)
- Q5. (a) Use a <template> tag to specify generic code that directs each card in a deck to return to the application's first page after 30 seconds of inactivity. (5)
- (b) Write WML script to check a date. (7)
- Q6. (a) Explain Usability test process. (5)
- (b) What entities and protocols are involved in WAP push framework? Explain any one protocol. (7)
- Q7. (a) Explain CC/PP Exchange protocol. (6)
- (b) Describe WTA originating and Terminating call model. (6)
- Q8. (a) How can we link WAP with Internet using application layers? Explain. (9)
- (b) What is the future of Mobile Internet? Explain with real life examples. (4)
