



NBS-003-007407

Seat No. _____

M. C. A. (Sem. IV) (CBCS) Examination

April / May – 2017

ECA - 4035 : Mobile Computing

Faculty Code : 003

Subject Code : 007407

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Attempt any ten of the following : 30

- (1) Explain different types of wireless network.
- (2) Give advantage of mobile computing.
- (3) What is mobile computing? Explain component of it.
- (4) Give full form of following:
- EDGE - WCDMA - HSUPA
- (5) Briefly explain frequency.
- (6) Explain Hidden/exposed terminals.
- (7) Differentiate Infrastructure architecture and adhoc based architecture.
- (8) Explain concept of registration.
- (9) What is GSM? Explain objective of GSM.
- (10) Write a note on traditional TCP.
- (11) Explain performance enhancing proxies.

2 Attempt any three of the following : 15

- (1) Write a note on IEEE 802.11.
- (2) What is packet? Explain concept of packet delivery.
- (3) Write a note on SMS architecture.
- (4) Explain file system in detail.

- 3** Attempt any two of the following : **15**
- (1) What is multiplexing ? Explain types of multiplexing.
 - (2) Explain MMS architecture.
 - (3) Write a note on wireless application protocol.
- 4** Attempt any one of the following : **10**
- (1) What is signal propagation ? Explain it in detail.
 - (2) What is GPRS ? Explain architecture of GPRS ? And Gives advantages and disadvantages of it.
-