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Register Number:

Name of the Candidate:

P.G DIPLOMA EXAMINATION, December 2014

(MOBILE COMPUTING)

130: ADHOC NETWORKS AND DISTRIBUTED MOBILE ARCHITECTURE

Time: Three hours

Maximum: 100 marks

Answer any FIVE questions

(5 × 20 = 100)

1. Discuss in detail about Reactive Routing Protocols. (20)
2. a. List out the issues in designing a Multicast Routing Protocol (10)
b. Explain any two classification of Multicast Routing Protocol. (10)
3. a. How much of the original GSM network does GPRS need? Which elements of the network perform the data transfer? (10)
4. a. Define multicomputer. (10)
b. Explain client – server architecture and peer-to peer architecture in detail. (10)
5. Explain the concepts of virtualization and cloud computing & also compare it with grid computing. (20)
6. Explain Traffic channel and control channel multiframes. (20)
7. a. Describe about application dependent multicast routing. (10)
b. Explain the steps of routing of a call to a mobile subscriber. (10)
8. Briefly explain the super scalar processors and multicore processors. (10)

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