

CLASS: PG – I.D.C.

15A / 274

St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 620 002

SEMESTER EXAMINATIONS – APRIL 2015

TIME: 2 Hrs. 20 min.

MAXIMUM MARKS: 70

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14PCS2401	MOBILE COMPUTING

SECTION – B

Answer all the questions:

5 x 5 = 25

31. a. Write a short note on Fidelity and Agility.

OR

b. Briefly explain about Location Management Principles and Techniques.

32. a. How is caching done in traditional distributed systems? Explain.

OR

b. What are the types of contexts? Explain.

33. a. Describe the properties of an Ad Hoc Network.

OR

b. How are sensor networks used for military purposes? Justify.

34. a. Discuss the Theft of Service in Wireless Security.

OR

b. Briefly explain about Cryptography.

35. a. Explicate the three modes of Bluetooth Security.

OR

b. Elaborate on End-to-end VPN.

SECTION – C

Answer any THREE questions:

3 x 15 = 45

36. Give a detailed account on Adaptability in Mobile Computing.
37. Explain about Context-Aware Computing and its applications.
38. Elucidate on the unique features of Sensor Networks.
39. Write in detail about i) IPSec ii) Authentication Protocols
iii) AAA.
40. Discuss on the Fixes and Best practices of 802.11.
