Total No. of Printed Pages:2

SUBJECT CODE NO:- H-149
FACULTY OF SCIENCE AND TECHNOLOGY
B.E. (CSE/IT)
Mobile Computing (CSE/IT)
(REVISED)

[Time: Three Hours]   **[Max.Marks: 80]**

Please check whether you have got the right question paper.

N.B
1) Q.No.1 from section A and Q.No.6 from section B are compulsory.
2) Attempt any two questions from the remaining questions in each section.
3) Assume suitable data wherever necessary.

Section- A

Q.1   Solve any two.   10
   a) Explain applications of mobile communication.
   b) Explain near & far terminals.
   c) Explain FDMA.

Q.2   a) Explain code division multiplexing.   08
        b) Explain spread spectrum.   07

Q.3   a) Explain mobility management.   08
        b) Explain cellular system in detail.   07

Q.4   a) Explain multiple access with collision avoidance.   08
        b) Explain protocol architecture of GSM.   07

Q.5   a) Explain different handover procedures.   08
        b) Explain GPRS.   07

Section- B

Q.6   Solve any two .   10
   a. Explain VOIP.
   b. Explain XML.
   c. Explain IP-in-IP.

Q.7   a. Explain function of lang library of WML script.   07
        b. Explain phone.com extensions.   08

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| Q.8 | a. | Explain the creating table in WML with example | 08 |
| | b. | Explain reverse tunneling & tunneling in detail. | 07 |

| Q.9 | a. | Write a WML program to receive inputs from user. | 08 |
| | b. | Explain CDPD in detail. | 07 |

| Q.10 | a. | Explain WAP architecture in detail. | 08 |
| | b. | Explain IP –snooping in detail. | 07 |

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