| | 경기에 가는 어느 아이들 얼마를 하는 것은 점을 다니다. | | | | | | | | | | |
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| | | D12 | | | | | | | | | |
| Code 1 | No: 117FN JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERA | R13 | | | | | | | | | |
| Ro | B. Tech IV Year I Semester Examinations, November/December - 20 MOBILE COMPUTING (Computer Science and Engineering) | | | | | | | | | | |
| Time: | Max. | Marks: 75 | | | | | | | | | |
| Note: | This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all questions in Part B consists of 5 Units. Answer any one full question from extend question carries 10 marks and may have a, b, c as sub questions. PART – A | Part A. ach unit. | Ę | | | | | | | | |
| | (25 Marks) | | | | | | | | | | |
| 1.a) b) c) d) e) f) g) h) | Define mobile computing. Discuss the limitations of handheld devices. What is meant by tunneling? Write short notes on TCP/IP. What are the advantages of I-TCP? What are the quality issues related to mobile computing? What is bandwidth? Explain temporal addressing. | [2] [3] [2] [3] [2] [3] [2] [3] | F | | | | | | | | |
| | What are the disadvantages of MANETs? What are the features of windows CE operating system? PART-B | [2] [3] (50 Marks) | | | | | | | | | |
| 2.a) | Explain briefly about the architecture reference model of mobile computing. | | | | | | | | | | |
| b) | Explain different mobile applications. | [5+5] | | | | | | | | | |
| 3.a) b) | Write the difference between circuit switching and packet switching. Explain about the time division multiplexing. | [5+5] | | | | | | | | | |
| 4. | Explain in detail about IEEE 802.11. | [10] | * | | | | | | | | |
| 5.a) b) | OR Distinguish between unicast, multicast and broadcast address. Write short notes on DHCP. | [5+5] | | | | | | | | | |
| 6.a) b) | Explain in detail Snooping TCP. Compare different TCP enhancements. | [5+5] | | | | | | | | | |
| 7.a) | What are the hoarding technique? Explain in detail. | | | | | | | | | | |
| b) | Explain the process of data recovery. | [5+5] | | | | | | | | | |
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| N2. | 8.a) b) 9.a) b) 10.a) b) | Write a short of Compare the f | notes on selective atures of hotsy | e tuning and indence, actives ync and letworks (MANE) | exing techniques and intellisync. | - RO | [5+5] [5+5] | |
| u | 11.a) b) | Explain J2ME Write about D | | OR00O00 | Ro | Ro | [5+5] | |
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