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B. Tech. (CSE) 6th Semester (G Scheme)
Examination, July-2022

MOBILE AND WIRELESS COMMUNICATION

Paper-ESE-CSE-308-G

Time allowed : 3 hours]

[Maximum marks : 75

Note : Question No. 1 is compulsory and attempt any one question from each section.

1. Define the following : 6×2.5=15
- (a) SDMA
 - (b) DAMA
 - (c) Bluetooth Networking
 - (d) IP Packet delivery
 - (e) GEO
 - (f) LEO

Section-A

2. (a) Explain the different generation in cellular wireless networks. 8
- (b) Discuss the multiplexing techniques. 7
- Or
3. (a) Explain following terms : 8
- (i) TDMA
 - (ii) Slotted ALOHA

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(b) Discuss Broadcasting Techniques in detail. 7

Section-B

4. (a) What are the tasks performed by MAC layer in IEEE802.11 protocol architecture ? 8

(b) What do you meant by security in GSM ? Explain about that in detail. 7

Or

5. (a) Draw the physical layer configuration of HiperLAN. 8

(b) Write down the features of Bluetooth. 7

Section-C

6. (a) Briefly explain the configuration of DHCP. 8

(b) Explain about IPv6 architecture in detail. 7

Or

7. (a) Draw the diagram for TCP connection. 8

(b) What are the advantages of TCP over Adhoc Networks ? 7

Section-D

8. (a) What are the objectives of WAP Forum ? 8

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(b) Mention all the applications of satellite systems. 7

Or

9. (a) Explain wireless transmission protocols. 8

(b) Discuss HTML in detail. 7

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