Q.P. Code : 581800

(3 Hours)   [Total Marks : 80

N.B. : (1) Question No.1 is Compulsory.
       (2) Attempt any Three questions out of remaining questions.
       (3) Make suitable assumptions whenever necessary.

1. a) Explain in short how Hidden Station Problem is Avoided in WLAN.   10
   b) What are the Deployment issues of WLL?   10
   c) What are the general problems of satellite signals travelling from a
       satellite to a receiver ?   10
   d) Explain how Mobile originated call (MOC) work.
   e) What are the characteristics of SIM ?   10

2. a) Why is Mobile IP packet required to be forwarded through a tunneL   10
       Explain IP-in-IP Techniques of encapsulation of mobile IP packet.
   b) What are the modifications require to an existing GSM network to be   10
       upgraded to GPRS, Explain with the help of diagram.

                                                                              10
3. a) Explain in detail HIPERLAN/1 physical layer.
   b) Explain in detail 4G architecture.   10

4. a) Explain in detail Bluetooth Protocol Architecture.   10
   b) What are the security issues in mobile Computing.

                                                                              10
5. a) Compare HIPERLAN 2, BLUETOOTH, IEEE 802.11.
   b) What are the different types of Handover in GSM ? Explain in Detail
       Intra-MSC handover

6. Write short notes on the following.   20
   a) Role of SUMR register in satellite roaming.
   b) Android components.
   c) Location management HLR-VLR scheme.
   d) Digital Signature.

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Course: T.E. (SEM.-VI) (REV. -2012) (CBSGS) (COMPUTER ENGG.) (Prog-T2826)

QP Code 581800 (2nd Query)

Correction

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Q. no .1
Will carry 20 marks each sub question will carry 4 marks.
Q. No. 5 B
Will carry 10 marks

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Date and Time 26/05/2016 03:13 PM

COC6072
COC6073
COCG056

COC6057

COC6039
COC6038

COCG024

COCG017

COCG012
COCG011