

DEC - 18

(3 hours)



[Total Marks: 80]

- 1) Question No.1 is **compulsory**.
- 2) Attempt any **three** questions out of the remaining questions.
- 3) Make suitable assumptions wherever necessary.

- Q1 A What is GPRS ? Describe its architecture in detail 10
B What are various issues in signal propagation ? 10
- Q2 A Describe GSM in detail. 10
B Explain GEO and LEO satellite systems. 10
- Q3 A What is goal of Mobile IP ? How is packet delivery achieved to and from mobile node? 10
B Discuss various types of Handoffs in cellular networks. 10
- Q4 A Explain HIPERLAN 2 data link control layer. 10
B What are android SDK features 10
- Q5 A Describe Bluetooth protocol stack. 10
B What are security issues in mobile computing? 10
- Q6 Write short notes on any 02. 20
a) Antennae.
b) Authentication and privacy in GSM.
c) TETRA
d) 4G architecture. Comparison of 3G and 4G networks
