

Sem-VII / Wireless Comm.

INST/CBGS/WC/VII

06.06.16

QP Code : 31559

[3 Hours]



[Total Marks: 80]

Note:

Question no. 1 is compulsory.

Attempt any three out of remaining five questions.

Q.1) Write short notes on any four.

[20]

- Wireless Foundation Fieldbus.
- Error performance in fading channel.
- Introduction to 3G and 4G.
- DSSS
- Redundancy in gateway.

Q.2) Solve the following.

[20]

- What is frequency reuse principle? Explain cellular telephony with neat block diagram.
- Explain with neat block diagram QPSK.

Q.3) Answer the following.

- Elaborate principal of CDMA with neat block diagram.
- Evaluate WAP Architecture

[10]

[10]

Q.4) Solve the following.

- Draw block diagram and explain how wireless adaptor works?
- Describe WAP Programming in detail.

[10]

[10]

Q.5) Answer the following.

- Illustrate Bluetooth with architecture and show its different network topology.
- Explain how Wireless System Redundancy works?

[10]

[10]

Q.6) Answer the following.

[20]

- iMode
- Ultra wide band
- Multipath propagation.
- WPAN