



Q.P.Code: 40146

Duration 3Hrs

Total Marks: 80

Note: Question 1 is compulsory based on entire syllabus.

Solve any 3 questions out of remaining.

Q1 Answer any four

20 marks

- What is the multipath propagation? Draw diagram and explain
- What is WiFi? Explain.
- Compare TDMA CDMA
- What is the work of security manager in W-HART?
- How do paging system work?

Q2. Answer the following

- Compare i-mode versus WAP 10marks
- What is WSN? Explain in detail. What are the applications of WSN 10marks

Q3 Answer the following

- Draw and explain block diagram (showing all components) of W-HART 10marks
- What is O-QPSK? Draw the pulse stream diagram showing O-QPSK 10marks

Q4 Answer the following

- Explain minimum phase shift keying MSK. 10marks
- What is FHSS? Explain 10marks

Q5 Answer the following

- Explain Bluetooth and its architecture 10marks
- Draw the WAP programming model and explain. 10marks

Q6 Write short notes on (any four)

20marks

- Frequency reuse pattern 7.
- Present scenario in wireless communication
- OFDM technique
- System redundancy in W-HART
- Compare 1G, 2G, 3G, 4G