

MC Online Quiz7 on Unit No.3

* Required

1. Email address *

2. Class *

Mark only one oval.

☐ BE-A

☐ BE-B

3. Roll.No *

4. Name of Student (Full Name) *

5. 1. ASK modulated signal has the bandwidth? *

Mark only one oval.

☐ Same as the bandwidth of baseband signal

☐ Half the bandwidth of baseband signal

☐ Double the bandwidth of baseband signal

☐ None of the above

6. 2.In On- Off keying, the carrier signal is transmitted with signal value 1 and '0' indicates? *

Mark only one oval.

☐ No carrier

☐ Half the carrier amplitude

☐ Amplitude of modulating signal

☐ None of the above

7. 3.Coherent detection of binary ASK signal requires.? *

Mark only one oval.

- ☐ Phase synchronization
- ☐ Timing synchronization
- ☐ Amplitude synchronization
- ☐ Both a) and b)

8. 4. In Binary Phase Shift Keying system, the binary symbols 1 and 0 are represented by carrier with phase shift of? *

Mark only one oval.

- ☐ $\pi/2$
- ☐ π
- ☐ 2π
- ☐ 0

9. 5.BPSK system modulates at the rate of? *

Mark only one oval.

- ☐ 1 bit/ symbol
- ☐ 2 bit/ symbol
- ☐ 4 bit/ symbol
- ☐ None of the above

10. 6.QPSK is a modulation scheme where each symbol consists of? *

Mark only one oval.

- ☐ 4 bits
- ☐ 2 bits
- ☐ 1 bit
- ☐ M number of bits, depending upon the requirement

11. 7. The data rate of QPSK is _____ of BPSK. ? *

Mark only one oval.

- ☐ Thrice
- ☐ Four times
- ☐ Twice
- ☐ same
- ☐ Option 5

12. 8. Most modern modems use...for digital to analog modulation? *

Mark only one oval.

- ☐ ASK
- ☐ PSK
- ☐ FSK
- ☐ QAM

13. 9. In which type of modulation bit rate is four times the baud rate? *

Mark only one oval.

- ☐ ASK
- ☐ FSK
- ☐ PSK
- ☐ None of the above

14. 10. On 16 QAM Constellation diagram each constellation point represents? *

Mark only one oval.

- ☐ dibit
- ☐ tribit
- ☐ quadbit
- ☐ pentabit

