

| | | | | | | | | | | | | | |
|-------------|--|--|--|---------------|--|-------------------|--|-------------------------|--|------------------|--|------------------------|--|
| Name: _____ | | | | | | Subject: COMPUTER | | Class: 11 th | | Time: 80 minutes | | Total Marks: 40 | |
| TEST NO. T4 | | | | MJDexpert.com | | | | | | Obtained marks | | | |

SYLLABUS: 1ST Year Ch # 3half (ICS) (T4)

Q.No.1: Tick the right option:

(10*1=10)

| | | | | |
|-----------|---|-------------|-------------|---------------|
| 1 | A Digital signals hasstates: | | | |
| | 2 | 3 | 4 | All of above |
| 2 | How many modes of data communications: | | | |
| | 1 | 4 | 5 | 3 |
| 3 | Unicode is a? | | | |
| | 16-bit code | 32-bit code | 64-bit code | 8-bit code |
| 4 | How many characters can Unicode represent? | | | |
| | 65536 | 10,000 | 15,000 | 500 |
| 5 | How many characters can 8-bit ASCII represent?: | | | |
| | 128 | 256 | 4-bit | All |
| 6 | How many characters can ASCII represent?: | | | |
| | 128 | 256 | 8-bit | 4-bit |
| 7 | Which value in start bit indicates that the transmission line is idle? | | | |
| | 1 | 0 | 2 | None |
| 8 | How many types of communication channel?: | | | |
| | 3 | 4 | 2 | None |
| 9 | What is another term for guided media?: | | | |
| | Hub | Bounded | Switch | None of these |
| 10 | Analog signal is measured in: | | | |
| | Volt | Hertz | Digital | Watts |

**PAPER SUBJECTIVE
SECTION-1**

Q.No.2: Short Questions:

(7*2=14)

- i. What is Bandwidth?
- ii. What is broadband?
- iii. What is analog signals?
- iv. Explain BCD.
- v. Define asynchronous transmission.
- vi. Define synchronous transmission. vii. Define ASCII.

SECTION-II

Q.No.3: Long Question:

(8*2=16)

1. What is meant by communication channel? Explain guided media.
2. What is data communication? Discuss its components in detail.