

**PRINCIPLES OF COMMUNICATIONS
KEYS**

I Choose the correct alternative:

1. B
2. A
3. D
4. C
5. A
6. A
7. D
8. C
9. B
10. B

II Fill in the blanks

11. Compression , Decompression
12. The step size is constant throughout the input range
13. $H(x) / L'$
14. $B \log [1 + S / N]$
15. Phase of the carrier signal varies with information data
16. Discrepancy between the received signal and the decoded signal at particular node.
17. $S(t) = A \cos (2\pi f_c \pm \Omega t)$
18. Rate of rise of input signal high compared to stair case signal
19. 1 bit/message
20. Modulation , Demodulation