

**DIGITAL COMMUNICATIONS  
KEYS**

**I Choose the correct alternative:**

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

**II Fill in the blanks**

11. 1.75bits/symbol.
12. Message bits in a block/transmitted bit per block.
13. Simple and easy to implement
14. Hamming Distance between code vectors is equal to the number of elements in which they differ.
15. Less
16. Surviving path.
17.  $n(L+1)$
18. Provides secured and reliable communication
19. Shift register & feed back network
20. Coarse alignment & tracking