

Questions

1) Identify the names of the number systems of each of the following number bases: [3]

- a) Base 2
- b) Base 10
- c) Base 16

2) Identify the name of the number systems represented by each of the following numbers (some can have more than one answer): [5]

- a) F4
- b) 94
- c) 1010
- d) 11
- e) 3B

3) Use the table on page 4 to lookup the hexadecimal values for each of the following binary bit patterns: [3]

- a) 1011
- b) 0000
- c) 1110

4) Explain why computers use the binary number system instead of denary. [2]

5) Explain why the hexadecimal number system is used in computer science. [2]