

Computer science

Worksheet -3

Date:03.09.2022 Class:XI

Marks:

1.Differentiate between code space and code point?

2.What are UTF-8 and UTF-32 encoding schemes.Which one is more popular encoding schemes?

3.What is the difference between fixed length and variable length encoding schemes?

4.Given that A’s code point in ASCII is 65,and a code point is 97.What is the binary representation of A in ASCII?(and what’s its hexadecimal representation).What is the binary representation of a in ASCII?

5.Convert the following binary numbers to decimal ,octal and hexadecimal numbers?

(a) 100101.101 (b)10101100.01011 (c)10101100.010111 (d)1010