CIT344
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1. In the binary division process, a series of performed operations is called

    division

    --->> subtraction

    multiplication

    addition

2. k-maps to minimise the number of _____ in order to express the _____

    --->> inputs. Outputs

    output, input

    gates, output

    input, gates

3. Which of the following is not a binary number?

    1111

    1001

    --->> 11A01

    0'

4. The result obtained on binary multiplication of 1010 * 1100 is _____

    1110000

    1010011

    1111100

    --->> 1111000

5. If the number of n selected input lines is equal to 2^m then it requires _____ select lines.

--->> m

n

2n

6. The binary number 111 in octal format is _____

6

--->> 7

8

5

7. The result of 0 Ã¢â‚¬â€œ 1 in binary is _____

--->> 1

11

10

8. karnaugh Map helps to reduce the number of _____ and thus the implementation _____

design, sequence

input, cost

combination, cost

--->> gates , cost

9. Combinational circuits help in reducing design _____ and reduce the number of _____ in a circuit.

complexity , gates

standard, gates

--->> complexity, chip

standard, memory

Data controller

--->> Selected lines

Logic gates

Both data controller and selected lines