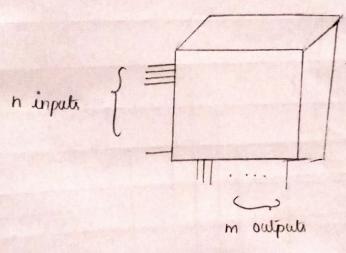
Encoder:

* An encoder converts cur active input Signals into a coded output Signal.

* There are n input lines, only one of which is active.

* Internal logic within the encoder converts
this active input to a coded binary output with
m bits.



Decimal to BCD Encoder

It is a Common type of encoder. The suitables are Pash.

button suitables likes those of a Pocket calculator.

* when button 3 is pressed. The c and

D OR grate have high inputs, therefore, the

I button 5 is Pressed. the outcome is

ABCD = 0101

when switch 9 is Pressed.

ABCO = 1001

