

**ASSIGNMENT 9**

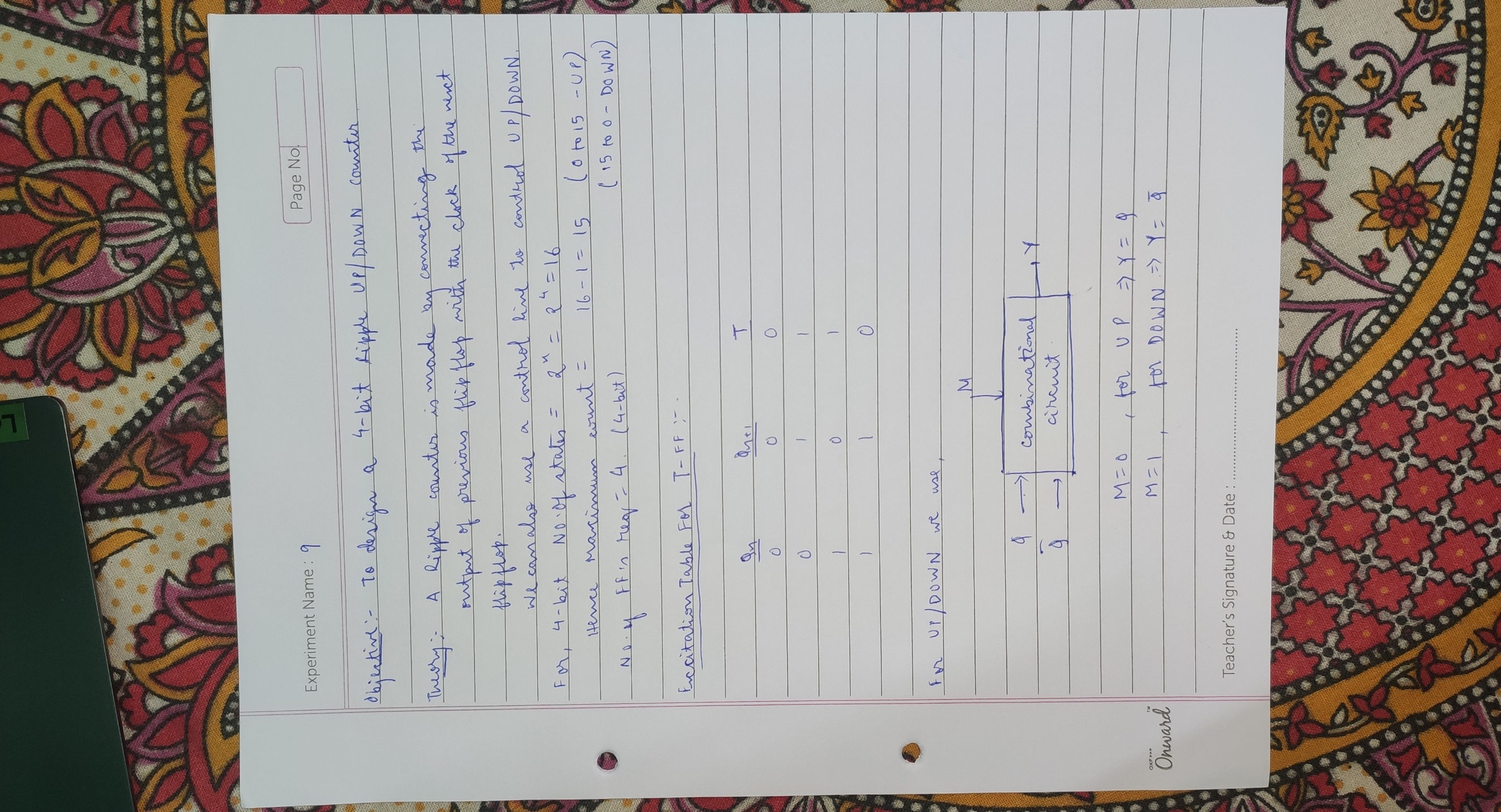
[Design a **4-BIT UP/DOWN RIPPLE COUNTER**]

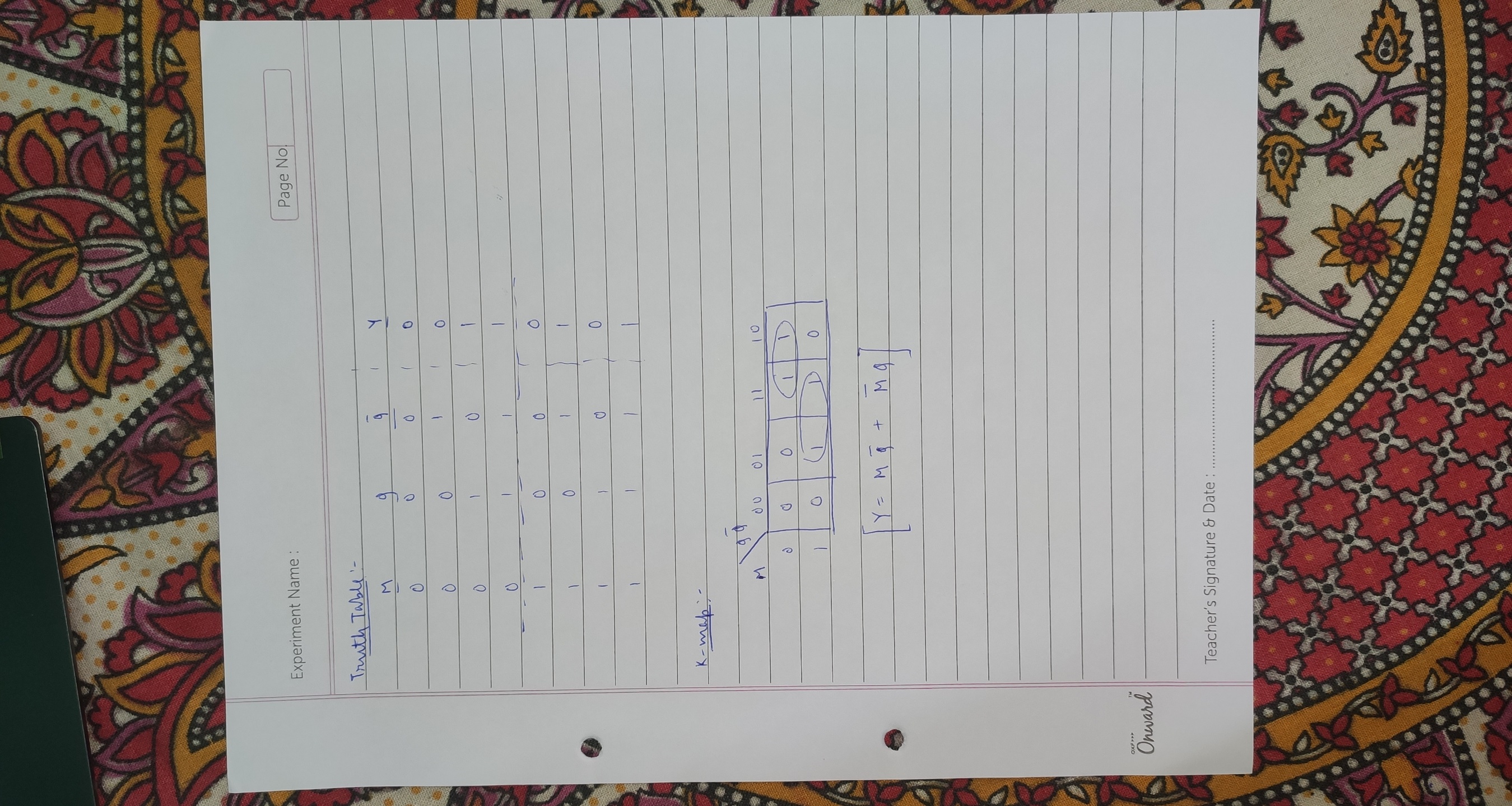


**NAME: ROHIT SADHU**

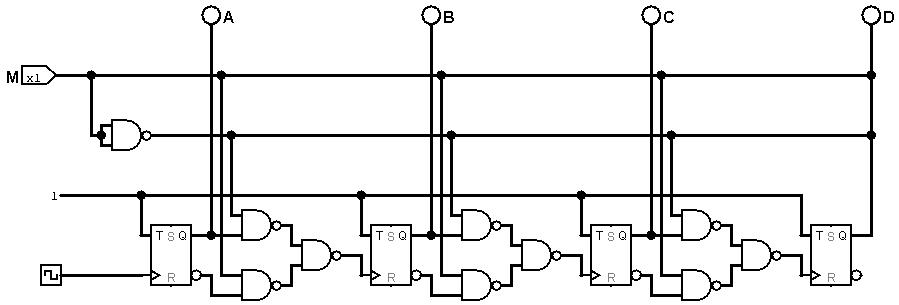
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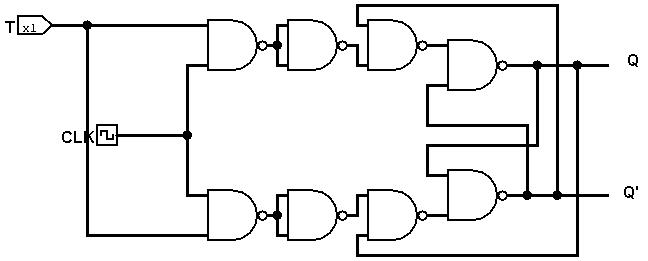






**CIRCUIT DIAGRAM:**

**UP/DOWN RIPPLE COUNTER:**

**T – FF:**