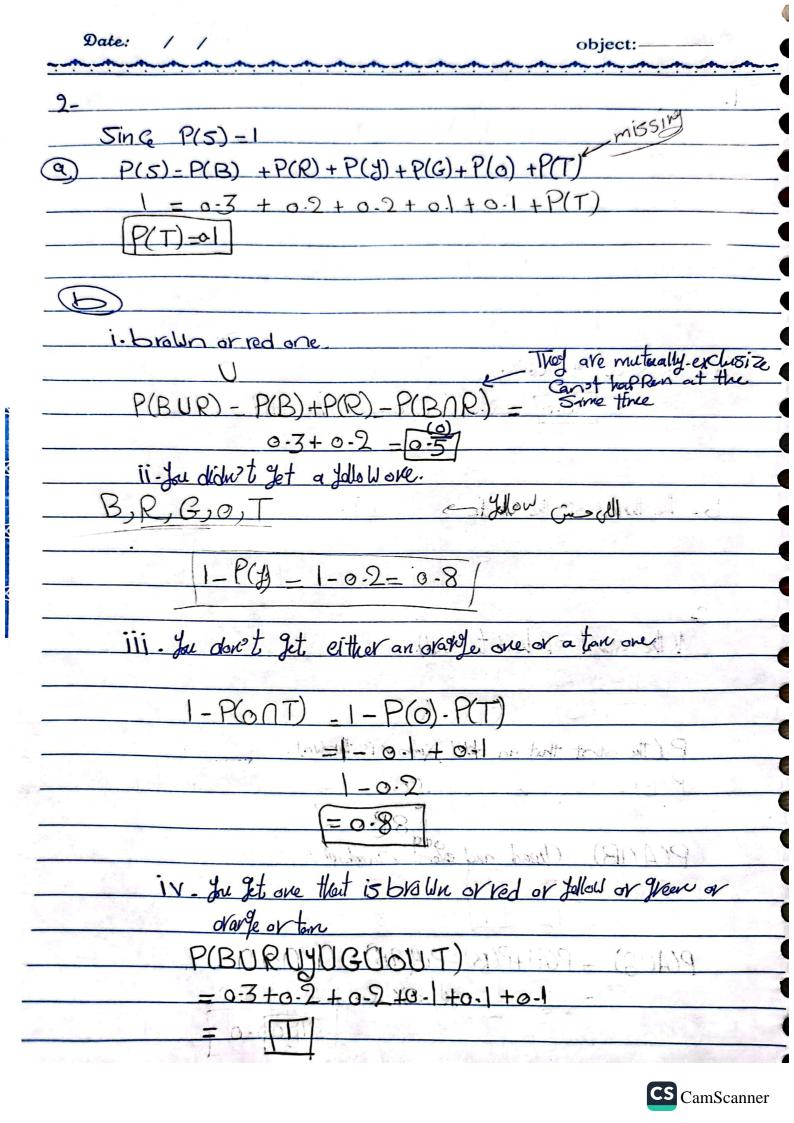
$$\frac{P(A)=N(A)}{N(S)} = \frac{1}{2}$$



Date: / /	object:——
3. Q,R are ludelludent variato	15
P(Q)=0.4, P(Q and R)	=0:
P(QNR)	= 0-
P(R) 7	
Sing they are underent,	indeed that Will be not mutulled-
exalsive	CAI
-5 -1 0 -	(a) P(R)
9	-4-P(R)
is it is the law that the	
R(R) = 0-1	M. M. Pessil-Lel For
9.4	[9]
mutually-exclusive events - distait (ablations)	
(Can't lappen at the Same time)	
that will be defendent, all	10/5
-> because the Hea of being	g Con't kappen at the Same time.
(they are affect eachother)	
V	AheI)
not mutulley exclusize events.	-> Conbe (de Pendent, Indefendent)
dePendent -> drawing a Card From a dek without repragment	
indélardent -> Tossing a Cin	

(NI, NH) _ , Possible, Permissible

(A) - Prick a Gold Witkout replace ment

(B) _ v

They are not mutually exclusive belowse they our

and they are not independent because if one kappen

2 5

4

4

4

i. P(musician is a female)

$$P(F) = N(F) - 72 = 36$$
 $N(S) = 130 = 65$

il. P(musician is a male AND lad Private instruction)

iii - P(musician is a female pr is self-taught)