C. PROD Subjectu		(45 puncte)
	Soluție, rezolvare	Punctaj
I . 1.	d	3p
2.	b	3p
3.	d	3p
4.	С	3p
5.	a	3p
TOTAL	Subiect I	15p
C. Subiectul II		
II.a.	Pentru:	4p
	$R_{12} = \frac{R_1 R_2}{R_1 + R_2} $ 1p	
	$R_{12} = \frac{1}{R_1 + R_2}$	
	$R_{\rm e} = R_{12} + R_3$ 2p	
	rezultat final $R_e = 20 \Omega$	
b.	Pentru:	4n
D.		4p
	$U_{AB} = I \cdot R_{12}$	
	$I = \frac{E}{r + R_e}$ 1p	
	$r + R_e$	
	rezultat final $U_{AB} = 30 \text{ V}$	
C.	Pentru:	4p
	$U_{v} = E - Ir$ 3p	
	rezultat final $U_v = 50 \text{ V}$	
d.	Pentru:	3p
۵.		op .
	$I' = \frac{E}{r + R_3}$	
	-	
TOTAL	rezultat final I'=5 A 1p	45
TOTAL Subject II C. Subjectul III		15p
III.a.	Pentru:	3p
III.a.		36
	$I_{AC} = I_1 - I_2 $ 2p	
	rezultat final $I_{AC} = 0.2 \text{ A}$	
b.	Pentru:	4p
	$R_1 = \frac{P_1}{I_1^2}$	
	$R_1 = \frac{1}{I_1^2}$	
	rezultat final $R_1 = 40 \Omega$	
C.	Pentru:	4p
0.		אד
	$U_1 = \frac{P_1}{I_1}$ ; $U_2 = \frac{P_2}{I_2}$	
	'1 '2	
	$U = U_1 + U_2$ $I = \frac{E - U}{r}$ 1p	
	$I = \frac{E - U}{I}$	
	1	
	rezultat final $I = 2 A$ 1p	
d.	Pentru:	4p
	$I_{BC} = I - I_1 $ 1p	
	$R_{BC} = \frac{U_1}{I_{BC}}$	
	bc .	
T07::	rezultat final $R_{BC} \cong 13.3 \Omega$	1-
TOTAL Subject III		15p