7

6

a) $CC = 7 \rightarrow 7$ regiuni CFG

b) Mulțimea arcelor:

$\{(1,2),(2,3),(3,4),(3,5),(5,6),$
$(6,7),(7,8),(8,9),(9,10),(9,11),$
$(11,12),(11,13),(13,14),(13,15),$
$(15,16),(16,17),(15,17),(8,19),$
$(19,20),(18,20),(4,20),(10,11),$
$(12,13),(14,15),(17,18)\} \Rightarrow E=25$

$N = 20$

$CC = E - N + 2 = 25 - 20 + 2 = 7$

c) Mulțimea vârfurilor condiție

$\{3, 9, 11, 13, 15, 18\} \Rightarrow P = 6$
$CC = P + 1 = 6 + 1 = 7$