Question 1 Not yet answered Marked out of 1.00 Flag question	Consider the following two scenarios; 1) 10 users makes 2 calls in average, where each call is of 3 mins duration. 2) 5 users makes 3 calls in average, where each call is of 4 mins duration. Which of the following statements is true for the same probability of blocking?
	Select one: a. both scenarios needs the same number of channels b. More channels are needed in scenario 1 c. More channels are needed in scenario 2
Question 2 Not yet answered Marked out of 1.00 P Flag question	Dividing cells into sectors will always lead to higher system capacity. Select one: True False
Question 3 Not yet answered Marked out of 1.00 Flag question	The power margin should be large enough so that: Select one: a. avoid unnecessary handovers. b. none of the answers c. increase the capacity of the network d. provide priority to handover users e. the network has enough time to execute the handover.

Question 4	Given a cellular network with the following characteristics:
Not yet answered	-Cluster size N=7
Marked out of	-Number of available duplex channels S=56
2,00	-probability of blocking 1%
∜ Flag question	- a user make 2 calls each of duration of 3 mins
	What is the number of users that can be served by a cell?
	Select one:
	O a. 3
	O b. 56
	O c. 10
	O d. 31
	O e.8
Question 5	The mechanism that enables users to continue ongoing call during mobility is:
Not yet	
answered Marked out of	Select one:
1.00	O a. Handover
F Flag question	O b. None of the answers
	O c. Tiling
	O d. Trunking
	O e. Frequency reuse
Question 6	In cellular networks, we can re-use the frequencies in two cells as long as they are not neighbors.
Vot yet	
inswered	Select one:
Marked out of 1.00	O True
P Flag question	O False

Question 7 A disadvantage of reducing the cluster size is: Not yet answered Select one: Marked out of a. smaller system capacity b. reducing the quality of the voice P Flag question O c. more frequency reuse O d. none of the answers Question 8 Given a cellular network with the following characteristic:: Not yet -Area of 1000 Km2 answered -population of 500 users per Km2 Marked out of 2.00 -number of available channels S=140 Flag question -Cluster size N=7 -each user generates 0.01 Erlang -probability of blocking=5% What is the number of cells require to serve the area? Select one: O a. 480 O b. 5000 O c. 500 O d. 176 O e. 200 O f. 329 O g. 140 O h. 280