

FDP 101X-LAB ACTIVITY

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REFLECTION SPOT

- Time: 7.05 Seconds
- **Question: How to link cluster size to actual system capacity?**
- <https://www.youtube.com/watch?v=nMjkeEHR2j8#action=share>



LBD ACTIVITY

- **Question 1: What is the relation between cluster size and system capacity?**
- Options
- A) System capacity increases with increase in Cluster size
- B) System capacity increases with decrease in Cluster size
- C) No relation between system capacity and cluster size

- **Answer: option B-System capacity increases with decrease in Cluster size**

- **Explanation:** Smaller is the cluster size for the same area to be covered more will be the number of clusters replicated. Hence more number of channels will be available and system capacity increases.
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- **Question 2: What are channel assignment strategies in Cellular systems?**
- Options
- A) Fixed Channel assignment only
- B) Fixed and Dynamic channel assignment
- C) Dynamic channel assignment only

- **Answer: option B-Fixed and Dynamic channel assignment**

- **Explanation: In Cellular systems channel assignment schemes used are fixed and dynamic channel assignment. To increase system capacity and reduce burden on MSC.**
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