

Each group to work on a question. Group 1 question 1, Group 2 question 2...etc. Prepare a word document and power point slides to present your research on the following tasks. Indicate the group and the details of group members. **Submission /presentation Date 05/03/2024. DO NOT USE CHAT-GPT! IF YOU USE, YOU SCORE ZERO.**

Q1. Explain Frequency management and channel assignment in cellular networks.

Q2. Destination Sequenced Distance – Vector Routing (DSDV).

Q3. Discuss Security in cellular networks.

Q4. Dynamic State Routing (DSR), Fisheye State Routing (FSR),

Q5. Design a channel allocation algorithm in cellular systems that ensures adjacent base-stations do not share same channel. Assume only four channels are available but the base stations are many.

Q6. Ad hoc On-Demand Distance Vector (AODV) Routing

Q7. Discuss the localization and calling in the GSM networks, showing the GSM topology / Architecture.

Q8. Discuss Mobility in mobile communication and its impact to mobile security.

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