myExperience is still open (closing on 21 November)

Only 9% students completed so far!!

Please log into https://myexperience.unsw.edu.au/ or follow the link in your email to access the survey

Thanks to all of you who have completed myExperience so far. If you haven't yet participated, you can find the myExperience link on your Moodle course page or look for the link in your student email.

Telling us about your experiences of your courses this term is important and valued. Your comments are read carefully by academic teaching staff. Please be honest and constructive.

myExperience is confidential, your identity is not included in reports. Results of the survey are not made available until your course results are released.

COMP4336/9336
Mobile Data networking

Recap

Covered 6 major topics

1. Wireless fundamentals (Chap 2 & Chap 3)
2. WiFi (Chap 4, Chap 5, Chap 6)
3. Cellular Networks (Chap 7 & Chap 8)
4. Bluetooth (Chap 10)
5. IoT+LoRa (Chap 9 & Chap 11)
6. Wireless Sensing (Chap 13)

All these topics are relevant for the final exam

We gave you on-going feedback

- Feedback from weekly quizzes and workouts
- Feedback in weekly labs for experiments
- Feedback through Ed forums (24x7)
- Answering questions during weekly lecture slots

More feedback available between now and the final exam;
Please use Ed Forums

How to prepare for the final exam?

- Carefully read and thoroughly analyze the relevant textbook chapters and the associated lecture slides. Try to deepen your understanding of the fundamental concepts covered in the relevant chapters; ask questions in the Ed forums if you have any doubts and confusions
- Revise weekly quiz workouts (a total of 70 quiz questions) and reflect on the topics; try to anticipate further potential questions on similar topics from different angles or parameter values
- Be ready to explain your answers and reasoning, i.e., how you derive the solutions, so you can answer Essay-type questions

Final Exam Format

Final Exam is a HURDLE: Must score at least 16/40 to clear the hurdle

- **02 December (Monday): 1:45pm – 4:00pm [2 hours + 15 mins]**
- **On-campus** (Please check myUNSW for location) **invigilated** using Inspera;
- Open book: you can bring UNSW approved calculator and any hardcopy (printed) notes, books, lecture slides, quiz workouts etc.
- Total 15 questions: Majority Essay-type (some MCQ); answer all questions
- After the exam, do not share/publish exam questions on any public platform

- A sample final exam on Inspera will be available from tomorrow (12 November) with a link in Moodle; **only one attempt allowed**
  - Solution to sample final exam questions will be released in Moodle

Multiple Choice Sample

Q: Two co-channel cells are shown by the two *filled* cells. What would be the cluster size for this network?

Select one:

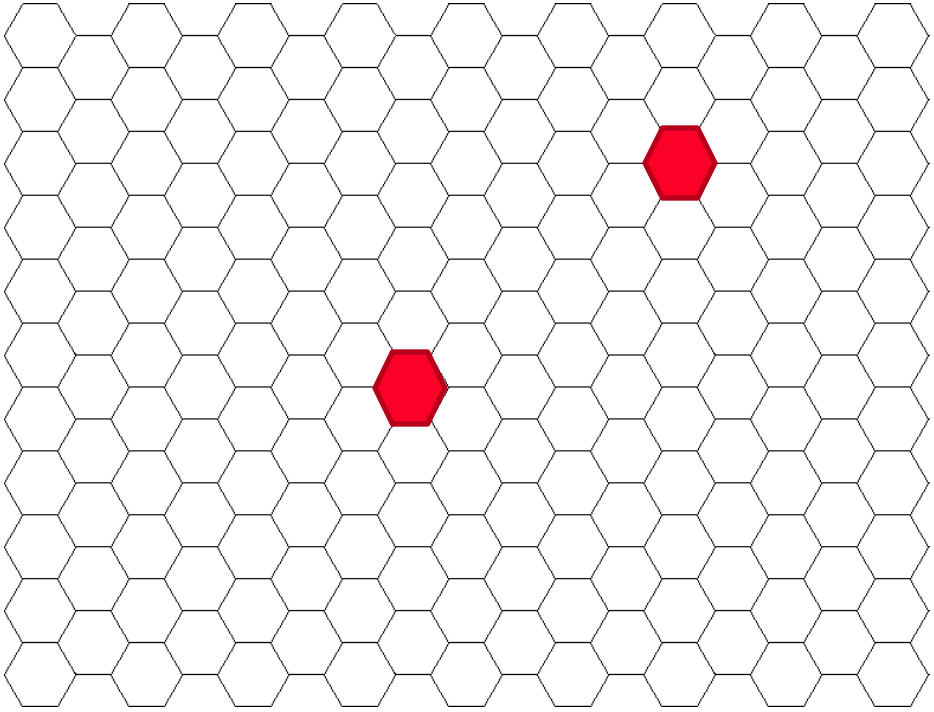
a. 16

b. 51

c. **31**

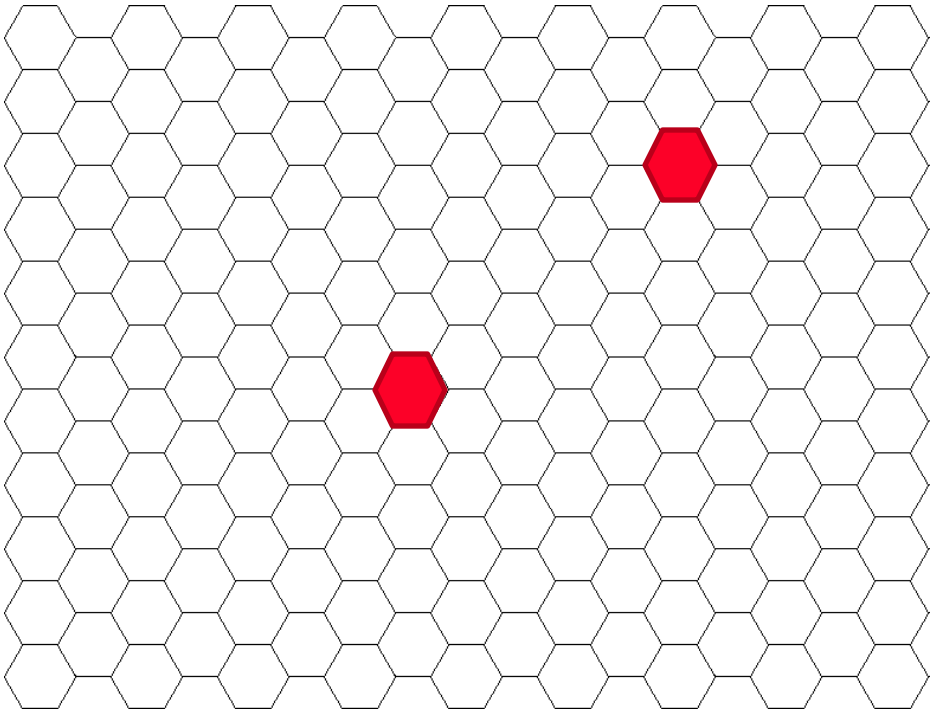
d. 9

e. 19



Essay version of the same question

Q: Two co-channel cells are shown by the two *filled* cells. What would be the cluster size for this network? Show your work.



A.

We can reach from the left cell to the right cell by moving 5 cells towards the right cell first (i=5) and then moving one cell counter-clock (j=1).

Thus, cluster size = $i^2+j^2+i \times j = 5^2 + 1^2 + 5 \times 1 = 25+1+5 = 31$

Good Luck!

- Hopefully, you have learned some new things that you did not know when you started this course
- Stay safe and attend the final exam calmly
- Wish you all the best with your exam and future endeavours
- Hope you enjoyed the course

Please do not forget to give us your feedback, especially the written ones, via MyExperience survey; Your feedback is VERY important to us.