Exercise: Permutations and Combinations

- **วิชชาภัทร จินดานาถ** previously submitted answers to this quiz/test on 24-Oct-2023 @ 10:16:24 and obtained **2** correct answers out of **2** .
- This test/quiz can be taken many times.
- Correct answers will NOT be revealed after submission.

undefined

1 Suppose that there are 9 part-time TAs, and 5 full-time TAs in the Discrete Structures subject. How many ways are there to select a team of 3 part-time TAs to design the exam problems, and 2 full-time TAs to validate it?

From previous attempt

C(9, 3) * C(5, 2)

C(14, 5)

P(9, 3) * P(5, 2)

P(14, 5)

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2 According to the previous question, suppose the designating process can be separated into three different parts: design the problems format, design part A questions, and design part B questions. Similarly, the validation process can also be separated into validation of part A and B. How many ways are there to select a team to develop the exam in this situation?

From previous attempt

C(9, 3) * C(5, 2)

C(14, 5)

P(9, 3) * P(5, 2)

P(14, 5)

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