

NAME: \_\_\_\_\_

IG0005-01

**IG0005-01**  
**Midterm Exam**  
**29 April 2019**

**Your Name and Honor Code Signature**

1. Write your name and UIN below:

Name: \_\_\_\_\_

UIN: \_\_\_\_\_

2. Please sign the honor code. Your exam will NOT be graded without your signature.

"On my honor, as a KIT Engineering Student, I have neither given nor received unauthorized aid on this academic work."

Signature: \_\_\_\_\_

**Directions**

This exam consists of 10 problems for a total of **100 /100** points. The number of total page is 10 pages. **Check your exam now to make sure you have all the problems.** Work as many problems as you can before the end of the exam.

This exam is closed book and notes.

You cannot use any mobile phone/Palm/Pocket PC on this exam. **You must clearly show your work including calculation and all formulas used in your solution. No credit will be given for a problem where this is not the case.**

Show all work in the spaces provided and make certain that you apply the notation we have been using. In order to receive full or partial credit **your work must be clear and neat.**

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### **Grading Grid**

Problem 1 \_\_\_\_\_ out of 10

Problem 2 \_\_\_\_\_ out of 10

Problem 3 \_\_\_\_\_ out of 10

Problem 4 \_\_\_\_\_ out of 10

Problem 5 \_\_\_\_\_ out of 10

Problem 6 \_\_\_\_\_ out of 10

Problem 7 \_\_\_\_\_ out of 10

Problem 8 \_\_\_\_\_ out of 10

Problem 9 \_\_\_\_\_ out of 10

Problem 10 \_\_\_\_\_ out of 10

**Total** \_\_\_\_\_ out of 100

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**[Problem 1] - (10 points)**

다음 문제를 읽고 물음에 답하시오.

(정답이 아니라고 생각되는 경우에는 적지 마세요. – 추가적인 감점이 있을 수 있습니다.)