

**UNIVERSITAS GADJAH MADA**  
**FACULTY OF ECONOMICS AND BUSINESS**

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**EKO1104**

**Academic Year 2017/2018**

**Midterm Exam**

**03/10/2017**

**Time Limit: 120 Minutes**

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

**Student ID:** \_\_\_\_\_

**Subject:** Mathematics for Economics I

**Class:** B

**Lecturer:** Hanung - Umi Mahnuna Hanung

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**The following rules for this exam apply:**

- This is a closed-book, closed-notes exam. No calculators or other devices will be permitted. **Do not use pencil for making your answers.**
- In order to receive full credit, please show all of your work and justify your answer. You do not need to simplify your answers unless specifically instructed to do so.
- If you need extra room, use the back sides of each page. If you must use extra paper, make sure to write down your name on it and attach it to this exam. Do not unstaple or detach pages from this exam.
- **Please sign the following:**  
”On my honor, I have neither given nor received any aid on this examination. I have furthermore abided by all other aspects of the honor code with respect to this examination.”

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

***Problem I*** (15 points)

***Problem II*** (15 points)

# ***Problem III*** (20 points)

# ***Problem IV*** (25 points)

***Problem V*** (20 points)

***Problem VI*** (5 points)

***Problem VII*** (10 points)

# Extra – Problem A (10 points)

*You may not solve this problem.*

*In case you wish to solve this problem, and if it is correct, then you will get **extra point 10** for this exam.*



# Extra – Problem B (10 points)

*You may not solve this problem.*

*In case you wish to solve this problem, and if it is correct, then you will get **extra point 10** for this exam.*