

# 2013-1-WKU-MOT-MidtermExam

**Department:**

**/ ID:**

**/ Name:**

## Check

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- Mid-term Exam (20 Questions), Management of Technology, Spring 2013 (166125-01)
- Where: Rm. 407 of Saecheonnyeong Hall
- When: 3<sup>rd</sup> Class (11:00) on Tuesday, April 23 in 2013
- Who: 34 Students
- Check:
  - Fill in your ID number and name on the upper portion of question sheet and answer sheet. And then submit your question sheet and answer sheet.
  - Only one answer sheet is permitted. Answers on No. 01 ~ 15 should be written on the front of answer sheet, and answers on No. 16 ~ 20 should be on the back.

## Questions

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### Part I (No. 01 ~ 10): Fill in the following blanks.

01. (\_\_\_\_\_) is the process of getting things done with and through others and its goal propositions are task-oriented practices and people-oriented practices.
02. (\_\_\_\_\_) is set of management disciplines that allow organizations to manage their technological fundamentals to create competitive advantage. It is various management activities by effective acquisition/administration/utilization of technology; to facilitate commercialization of technology, to strengthen competitive superiority, and to maximize profit-making of the present and the future.
03. (\_\_\_\_\_) is society's pool of knowledge regarding the industrial arts and the translation of technological knowledge into methods of production.
04. Components of technology are (\_\_\_\_\_), (\_\_\_\_\_), (\_\_\_\_\_), and (\_\_\_\_\_).
05. (\_\_\_\_\_) is new, developmental, and positive change. It is the implemented significant improvement along the key attribute of a product or a service.
06. Critical success factors of technological innovation are (\_\_\_\_\_), (\_\_\_\_\_), and (\_\_\_\_\_).
07. Major types of technological innovation model are (\_\_\_\_\_), (\_\_\_\_\_), (\_\_\_\_\_), (\_\_\_\_\_), and (\_\_\_\_\_).
08. New innovation process in digital economy is (\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_).
09. (\_\_\_\_\_) is a kind of innovation with social interaction from the position of innovation consumer and focuses on spreading/adopting innovation.
10. (\_\_\_\_\_) is a person who allocates human and material resources and directs the operations of a department or an entire organization.

### Part II (No. 11 ~ 15): Write the full name for each following abbreviation.

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11. MOT

12. R&D

13. PLC

14. MBO

15. FTS

**Part III (No. 16 ~ 20): Describe the following terms in brief.**

16. Survival equation

17. Supplier-oriented technological model vs. user-oriented technological model

18. innovation cycle

19. process model of innovation

20. technology vs. science

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## 해답

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01. management
02. management of technology (or MOT)
03. technology
04. technoware, humanware, inforware, orgaware
05. innovation
06. market, technology, management
07. linear model of innovation, process model of innovation, dynamic model of innovation, global model of innovation, sustaining/disruptive model of innovation
08. think, play, do
09. cultural innovation
10. manager
  
11. management of technology
12. Research and development
13. product life cycle
14. management by objectives
15. fluid, transition, specific
  
16. Drawing and explanation
17. Drawing and explanation
18. Drawing and explanation
19. Drawing and explanation
20. Drawing and explanation