

**INTERNATIONAL UNIVERSITY OF JAPAN**  
Public Management and Policy Analysis Program  
Graduate School of International Relations

**DCC5383 (2 Credits)**  
**Public Management Information Systems**  
Spring 2018

Midterm Exam (100 points)

**Instruction:** This is an open-book and open-notebook exam. Download the memo template to write your answer. Do not write longer than 3 pages. When copying or paraphrasing a part of a book or paper, you MUST provide an appropriate source of the citation in order to avoid plagiarism. Submit your answer to the instructor (kucc625@gmail.com) by 17:00 Sunday, May 6.

You may not communicate (including written, verbal, gestural, and other forms of communication) with anyone else other than the instructor about this exam during the exam. Do not ask your classmates to show their answer. Do not show your answer to other classmates. Failure to comply with this rule will be considered academic dishonesty and misconduct. I trust each of you implicitly, but you should be aware IUJ's policy and course policy. The penalties include sanctions up to and including expulsion from the university.

**Question 1 (50 points)** Bozeman and Bretschneider (1986) suggest 10 guidelines for public management information systems one of which is "*PMIS planning should be incremental/contingent rather than holistic/rational*" (p. 483). (1) Why should e-government (public information systems) be incremental rather than holistic (comprehensive)? Think about major differences between public and private information systems and explain underlying logics of this anti-holistic approach. (2) Explain why the technology acceptance model (Davis, 1989; Venkatesh and Davis, 2000) is more consistent with the incremental approach than with the holistic approach. Think about TAM's main theme and core elements.

**Question 2 (50 points)** A joint application design or joint application development (JAD) allows key stakeholders including users, managers, system analysts, programmers to discuss their needs and preferences. (1) Explain the advantages of JAD over traditional methods such as interviews, questionnaires, observations, and document studies when investigating the systems. (2) Suppose you become a public manager in charge of an information system development project. Tell me likely challenges when you lead JAD in your institutional settings (e.g., tradition, culture, and religion) and your strategies (at least three strategies) to overcome such challenges and thus make JAD successful. See Stair and Reynolds (2016) and Hoffer, George, and Valacich (2013).

The end of the mid-term exam