Midterm Exam

Points: 100 Due: Thursday, April 22
No later than 6 p.m.

Answer the following two problems. The questions have been written for you to reflect upon our discussions and readings. Be sure to compose your answers in the context of the textbook and article readings, and class lectures and discussion.

Note. Your answers should reflect your individual effort. Collaborating with others who are either enrolled in this class or not will lead to a failing grade. Answers showing close resemblance will be considered a collaborative effort.

Guidelines

1. The exam should reflect an individual’s effort, and NOT be the product of group collaboration. Points will be gained from the uniqueness of your response (provided your response is correct and/or can be substantiated).

2. Essays should be typewritten (double space, 12-point font, one-inch margins) and printed in letter or near-letter quality.

3. Although there is no lower limit to the number of pages, you are expected to demonstrate integrative, critical and creative thought within the number you choose. However, an answer should not exceed five pages. Incorporating readings beyond the textbook into your response is greatly encouraged.

4. Be sure to cite the sources you reference. If the item (i.e., article, book, etc.) you reference is from the textbook, no bibliographic entry or footnote is required. Otherwise, attach an entry identifying the source. (A reference list page is not included in the page limit per (3)).

5. Do NOT bind you exam answers. Staple each essay in the upper left corner and submit them in a 9 × 12-inch manila envelope. No diskette is required.

6. Exams are due 6:00 p.m. No late exams will be accepted. Exams may be submitted early, but
never late.

Refer to the syllabus for other requirements.

**Problems**

1. Develop a multi-dimensional (i.e., three or more dimensions) framework that describes the features and characteristics, distinguishes the differences and suggests the complementary nature of DSS, EIS/ESS, GSS and GIS. The framework should be based on factors discussed during class, and presented in your textbook and during the research paper presentations. (40 points)

2. During our discussion of decision support system, many cognitive factors not presented in the textbook were emphasized. Relate these factors to the design and implementation of a DSS presented by the textbook’s author. In particular, why are these factors important in a DSS environment? How does the design’s emphasis differ from that of a TPS? How should they be addressed in the design process? (Please do not limit your discussion to these questions.) (30 points)

3. Given our discussion of GSS and the collaborative management video shown in class, present a similar application of GSS based on your experience or knowledge. For example, a GSS could be used during a jury’s deliberations for specific reasons (do NOT use this example). In your discussion, describe the purpose and objective(s) of the group meeting, identify the problems inherent to this face-to-face meeting, state the objective(s) of using GSS, and cite how the tools could be applied to overcome the problems you have identified. (30 points)