1. (20 points) Summarize from your perspective the fundamental challenges (problems) in Mobile Computing.

2. (40 points) Localization and Location Management:
   A. Define the location management and localization in mobile computing. What are their purpose and functionality? Discuss the challenges in each of them. (10 points)
   B. Do you think combining the location management and localization techniques brings any synergistic benefits? Explain why or why not. (30 points)

3. (10 points) Describe (explain) the most important concept (technique) you learnt in the class. Justify your answer.

4. (10 points) In your opinion, what is the biggest scientific (technical) advance that you think can revolutionize the field of mobile computing. Justify your answer.

5. (10 points)
   A. Give one suggestion to improve the class in the next offering. Justify your suggestion.
   B. If you were to add a chapter in the Mobile Computing textbook – what topic would you select it to be on? Justify your answer.