Arab Academy for Science, Technology, and Maritime Transport
College of Computing and Information Technology
CS714 Advanced Operating Systems
Fall 2017

Homework 2 (Total of 30 pts)
Due in class on December 20\textsuperscript{th} 2017

Please provide a softcopy of your homework (Always keep a copy of the homework you hand in). Please refer to the 8\textsuperscript{th} edition of reference Text 1.

\textbf{Q1}: (20 pts) Solve problem 11.3

\textbf{Q2}. (10 pts) It has been found that in a certain disk drive about 80\% of all requests are for a small fixed number of cylinders. Which of the scheduling algorithms will recommend for this situation? Justify your choice. Hint: Go through the covered scheduling algorithms and outline its advantages and disadvantages in this case.