

QUIZ NUMBER SIX FOR MTH213 SPRING007 AT 1PM

AYMAN BADAWI

Name \_\_\_\_\_, Id. Num. \_\_\_\_\_, Score  $\overline{15}$

**QUESTION 1.** *Find all integers with the following properties: If each is divided by 4, then the remainder is 2. If each is divided by 7, then the remainder is 6. If each is divided by 17, then the remainder is 0.*

DEPARTMENT OF MATHEMATICS & STATISTICS, AMERICAN UNIVERSITY OF SHARJAH, P.O. BOX  
26666, SHARJAH, UNITED ARAB EMIRATES

*E-mail address:* [abadawi@aus.edu](mailto:abadawi@aus.edu), [www.ayman-badawi.com](http://www.ayman-badawi.com)