

1145-01-844

J J Tattersall* (tat@providence.edu), Department of Mathematics, Providence College, Providence, RI 02918. *A Cambridge correspondence class in arithmetic for women*. Preliminary report.

In the late nineteenth century the Association for Promoting the Higher Education of Women in Cambridge began sponsoring a series of correspondence classes for women vying for certificates on the Cambridge Higher Local Examinations. These courses were designed for women who lived in remote areas devoid of suitable teachers and for governesses who did not have sufficient control over their time to permit them to attend classes or receiving oral instruction. In October that year, eighteen women enrolled in the arithmetic class organized by W.H.H. Hudson of St. John's College, Cambridge. The topics covered included measurement, vulgar fractions, ratio, proportions, decimal fractions, and interest. We discuss the contents of his correspondence to students that illustrate his educational philosophy, include tips on what books to consult, and his lessons on how to prepare for the examination. (Received September 16, 2018)