

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualifications:–

B.Sc. *M.Sci.*

Mathematics C382: History Of Mathematics

COURSE CODE : **MATHC382**

UNIT VALUE : **0.50**

DATE : **21–MAY–04**

TIME : **14.30**

TIME ALLOWED : **2 Hours**

*All questions may be attempted but only marks obtained on the best **four** solutions will count.*

*The use of an electronic calculator is **not** permitted in this examination.*

Be careful to link your answers to appropriate exemplification.

1. Do we really know what mathematics was like in Antiquity before the Greeks?

2. Was Euclid a more significant mathematician than Archimedes?

3. What were the chief mathematical developments in Europe during the Seventeenth Century?
Were they inevitable?

4. "The development of the non-euclidean geometries was the most important mathematics of the Nineteenth Century." Why could this be said? Do you think it is true?

5. Write an essay on **ONE** of the following topics.
 - (a) How we know about the mathematics of the Ancient World.
 - (b) The solution of polynomial equations.
 - (c) Notation in the development of mathematics.