

**CAMBRIDGE PROBLEMS: BEING A
COLLECTION OF THE PRINTED QUESTIONS
PROPOSED TO THE CANDIDATES FOR THE
DEGREE OF
BACHELOR OF ARTS, AT THE GENERAL
EXAMINATIONS, FROM THE YEAR 1801 TO THE
YEAR 1810 INCLUSIVE. WITH A PREFACE**

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Cambridge Problems: Being a Collection of the Printed Questions Proposed to the Candidates for the Degree of Bachelor of Arts, at the General Examinations, from the Year 1801 to the Year 1810 Inclusive. With a Preface by Anonymous

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ANONYMOUS

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WITH A PREFACE

BY A

GRADUATE of the UNIVERSITY.

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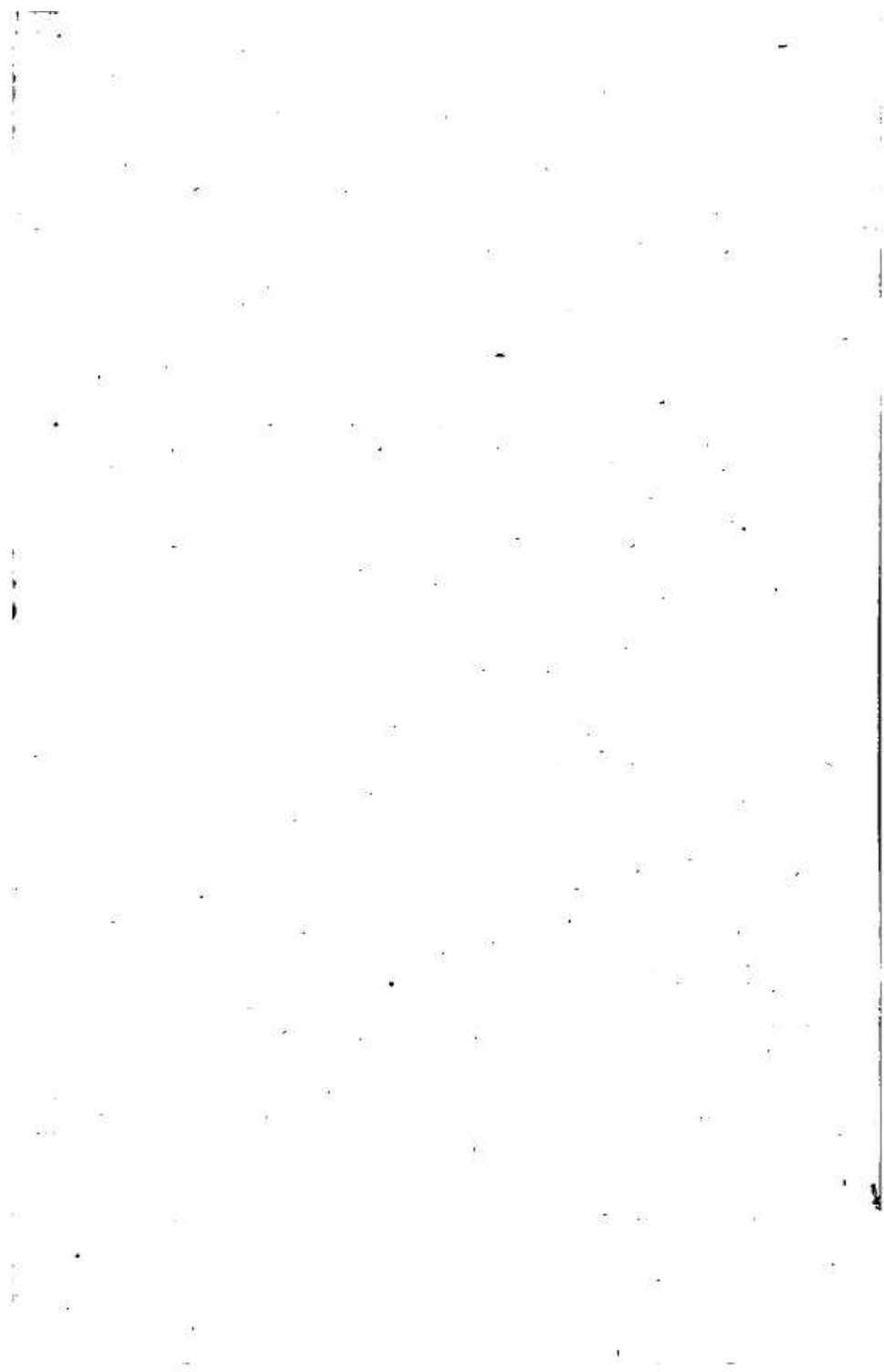
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REPEATED favours demand repeated acknowledgements. The Publisher of the *CAMBRIDGE PROBLEMS* eagerly seizes the present opportunity, to declare his obligations to the kindness which he has again experienced from the gentlemen whose names are prefixed to the papers which compose the following volume. By their liberal concessions, he has been enabled to present to the public, a complete collection of all the Printed Questions that have been proposed to the candidates for the degree of Bachelor of Arts, at the General Examinations, during the last ten years.

Respect for the labours of those gentlemen and a desire that no difficulty, which diligence might prevent, should retard the efforts of students in the university, alike required that the questions should be given with all possible accuracy. Notwithstanding the pains that have been bestowed in revising the proof sheets, some errors have been discovered. Let it be pleaded in extenuation, that, during the time in which a great part of the work was printed, the corrector of the press resided at a considerable distance from Cambridge.—Should any errors occur, beside those which have been pointed out, they will not often, it is hoped, be the cause of obscurity.



P R E F A C E.

THE collection now presented to the public may, it is presumed, not unfairly lay some claim to utility. The labours of those learned persons, to whom is confided a most arduous and important charge, may, by being thus brought together, have secured to them that preservation which they surely merit: the attentive student may have ample means of exercising his ingenuity, and of acquiring a facility of investigation which may finally command success: and, while the purposes of Academical education are more immediately regarded, the general interests of science may not be totally overlooked.

These are, it will be allowed, important objects. One good effect, however, may be produced, to which circumstances, not very honourably marking the times, irresistibly direct our attention. *The public at large may be enabled to form some opinion of the nature and extent of the MATHEMATICAL and PHILOSOPHICAL KNOWLEDGE which a Candidate for University honours is expected to have attained.* Let this matter be a little farther considered.

All thinking persons will acknowledge the mighty influence, on the most important concerns of this country, which must ever be possessed by our universities, when flourishing in well-deserved reputation. Their spreading fame will then only, by men of good principles, be contemplated with perfect satisfaction, when the conviction is firm, that their fame is merited. Such men will be anxious that the grounds of their high and prescriptive claims to public confidence should be clearly understood. If, in the opinion of some persons, it should appear that those grounds are not, in all instances, entirely unobjectionable, they will still feel that the dignity of the institutions should protect them from intemperance of abuse. They know, indeed, that the censures of ignorance are uncontrolled by decorum, as its applauses are unsanctioned by discrimination. Yet however unworthy of attention they may consider the coarse and deafening clamour of illiterate malignity, their indignation will be roused, when, amid the vulgar growl, tones may be distinguished that can only be the effect of cultivation and refinement. That indignation will be heightened into horror, when they behold abilities which might excite admiration employed in furnishing arms to the violent and undisciplined, and leading them on to the attack