

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualification:-

M.Eng.

Biochemical Eng E121: Industrial Biochemical Engineering

COURSE CODE : BENGE121

UNIT VALUE : 0.25

DATE : 08-MAY-03

TIME : 10.00

TIME ALLOWED : 2 Hours

Answer THREE QUESTIONS. Only the first three answers given will be marked.
ALL questions carry a total of 25 MARKS each, distributed as shown []

1. What is a business plan and what are its major components? [15]
What are the specific elements to consider in writing a business plan in the life sciences industry. [10]
2. What are the most likely causes of failure in turning an idea in the life sciences industry into a commercially viable outcome . Give detailed reasons. [25]
3. i) Describe the different phases of clinical trials, their purpose and their characteristics. [15]
ii) What are the major perceived bottlenecks in accomplishing successful clinical trials [10]
4. i) Describe what is meant by outsourcing. [10]
ii) Describe the benefits and drawbacks of outsourcing. [15]
5. i) What is meant by Intellectual Property (IP). [5]
ii) Describe the different types of IP available. [20]

END OF PAPER