



Mastership in Chemical Analysis

Part A Examination

Online

17th April 2024

1000 – 1300

Plus 10 minutes reading time

Instructions

five

Question 1. ALL

(a)

(9 marks)

(b)

(4 marks)

(c)

(5 marks)

(d)

(2 marks)

Question 2. ALL

(a)

v5 0 39EMC 4 v5 0 3

(5 marks)

(b)

-6 Td -6 m8316 -6222.48 -6258 -6

(10 marks)

(Question 2 continues on the next page)

.9 (nu) 199 (0) 19 25 17 19 23 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99

(c)

Question 3.

Question 6.

ALL

(a)

Question 8. ALL

(a)

(5 marks)

(b)

Volume of a 1 µg/ml stock solution diluted to 10 ml (ml)	Internal standard corrected peak area for dieldrin

(5 marks)

(c)

(4 marks)

(d)

THREE

(6 marks)

Useful Sampling Equations

