M1. Primary selected **and** Secondary **not** selected

B1

Discrete selected **and** Continuous **not** selected

B1

Additional Guidance

1, 3

B2

1, 4

B1

1, 3, 4

B1

1, 2, 3

B1

2, 3

B1

[3]

M2.(a)   Needs time frame   *oe*
                        e.g. No time period (zone)
                        Vague as needs weekly or monthly

B1

(b)   No box for never   *oe*
                        If (a) incorrect allow needs time frame
                        Answers may be seen in (a)

B1

No box for 4   *oe*
                        If (a) incorrect allow needs a time frame
                        Answers may be seen in (a)

B1

[3]

M3.(a)   Continuous

B1

(b)   Discrete

B1

(c)   Continuous

B1

(d)   Discrete

B1

[4]

M4.   (a)   (i)   51

B1

(ii)   Orders the values
Either way
Allow one error or omission

M1

51
Must come from all 11 numbers correctly ordered

A1

Alternative method

Orders only first 6 or last 6 numbers correctly

M1

51

A1

(iii)   Attempts to add values
At least 51 + 50 + … seen (= 550)

M1

their 550 ÷ 11

M1 dep

50

SC3   working and correct answers to (a)(ii) and (a)(iii) swapped over

A1

(b)   (i)   Mean/mode/median are 50 or above

oe   All but one are 50 or more

B1 ft

(ii)   One bag is 43

oe   Sample size too small
One (or some) bag(s) have less than 50

B1 ft

(c)   Take a larger sample

oe   Need more data

B1

Spread the sample out over days

oe   Sample at random

B1

[10]