AQA – Statistical sampling – AS Mathematics P2

1.   June/2021/Paper_7356/2/No.12

The table below shows the total monthly rainfall (in mm) in England and Wales in a sample of six years.

The sample of six years was taken from a data set covering every year from 1768 to 2018.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1768	109.2	129.1	12.8	85.6	46.1	148.7	121.9	91.6	136.8	119.4	142.5	103.6
1818	98.0	65.8	134.7	135.6	55.9	31.2	50.4	21.0	115.6	75.8	112.0	46.8
1868	99.9	62.2	71.1	61.4	36.7	16.5	20.0	106.7	90.2	95.6	61.4	185.6
1918	91.2	61.6	36.7	63.3	58.5	30.9	110.0	62.9	189.5	69.1	66.3	122.5
1968	85.8	47.6	59.5	68.8	78.7	94.0	107.8	72.2	148.1	99.0	69.6	84.2
2018	104.5	52.8	115.1	91.4	51.9	16.5	39.6	76.7	67.0	75.8	104.9	116.0

Deduce the sampling method **most likely** to have been used to collect this sample.

Circle your answer.

[1 mark]

Opportunity   Simple Random   Stratified   Systematic