

2.1(b) The following are weights (in kg) of 80 persons measured to the nearest 0.01 kilogramme.

37.67	36.42	43.57	55.60	57.76	74.60	63.40	73.70
109.46	40.27	97.23	30.63	47.93	63.72	28.30	70.23
42.63	22.27	65.60	57.40	80.93	45.67	42.78	65.23
27.20	52.36	50.72	53.36	28.60	72.20	87.20	48.33
52.30	64.90	19.67	27.32	38.60	77.40	50.72	33.20
50.63	58.73	103.62	63.76	50.36	37.40	35.20	89.40
47.60	83.23	24.23	74.60	84.72	55.50	60.37	67.20
42.74	95.43	105.36	43.60	54.87	57.60	48.98	70.58
52.89	91.30	51.30	33.40	58.60	63.83	93.60	59.89
58.36	64.83	58.60	25.15	100.55	75.22	38.85	90.66

- (i) Construct a frequency distribution for the above data.
- (ii) Use the above distribution to draw a histogram and describe the shape of the distribution.