

BAMS1613 Jan 2019 Answers

- Q1. a) (i) Mean = 18.07, variance = 74.6832, standard deviation = 8.6419
(ii) 17, 24.27
(iii) 15
b) 1260
- Q2. a) (i) 0.95786
(ii) 0.00788
b) 0.80885
c) (i) (1) 0.6628
(2) 0.79372
(ii) 94.9008
- Q3. a) (24.032, 25.968)
b) 385
c) $z = -11.1803$, reject H_0 .
d) $z = 1.6803$, reject H_0 .
- Q4. a) (i) 0.1308
(ii) 0.3853
b) (i) $y = 14.1901 + 0.7622x$
(ii) 67.8441
(iii) 0.9765
(iv) 0.9554