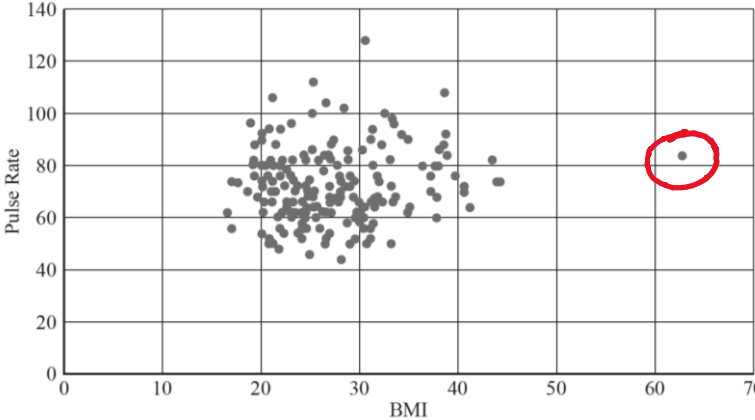


| | | | | | | |
|---|-----|--|--|----|-----|---|
| 8 | (a) | | Remove any data where #N/A is in the column, as there is no data available | B1 | 2.4 | LDS advantage Comments such as exclude 20/81 year old female are B0 as this is only an extract of the full set of data Must refer to N/A/missing data but accept ‘not available/non-existent’ Remove data without a pulse reading is B0 as we could have missing BMI data too |
|---|-----|--|--|----|-----|---|

| Question | | | Answer | Marks | AO | Guidance |
|----------|-----|--|---|-------|------|---|
| | | | | [1] | | |
| 8 | (b) | | (62.77, 84) ringed <u>and no others</u> | B1 | 1.1 | <p>Scatter diagram of Pulse Rate against BMI</p>  |
| | | | | [1] | | |
| 8 | (c) | | No evidence of a linear relationship oe so unlikely to be reliable | B1 | 2.2b | <p>Any comment relating to interpolation or extrapolation is B0 as we want a comment on the appropriateness of the model considering the scatter diagram</p> <p>Condone ‘there appears to be little correlation/weak positive correlation’ etc</p> <p>‘No/Zero correlation’ is B0 e.g the PMCC could be 0.1 etc</p> |
| | | | | [1] | | |

| Question | | | Answer | Marks | AO | Guidance |
|----------|-----|--|---|-------|------|--|
| 8 | (d) | | None of the pulse rates are that unusual so should not be removed | B1 | 2.2b | <p>LDS advantage</p> <p>Need 'no/keep' and reason</p> <p>Condone 'No as they are not outliers'</p> <p>Accept 'Higher pulse rates are not uncommon'</p> |
| | | | | [1] | | |
| | | | | | | |