Answer FIVE questions taking at least two (2) from each group. Figures in the right indicate full marks.

Group A

1. **Height (in inches) of 10 cadets in a class are: 50, 60, 55, 65, 66, 70, 54, 64, 62, 72**

   (a) What is population in statistics? 1

   (b) Is height discrete or continuous? 2

   (c) Find $\displaystyle\sum_{i=1}^{10} x_i^2$ 3

   (d) Find the square of mean and mean of square. Are they equal? 4

Group B