

Sylhet Cadet College  
Model Test Examination - 2023  
Class: HSC

Subject: Statistics Second Paper (Creative)

Time: 2 hour & 35 minutes

Subject Code: 130

Full Marks: 50

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

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Group A

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

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|---|---|
| (a) What is population in statistics?                           | 1 |
| (b) Is height discrete or continuous?                           | 2 |
| (c) Find $\sum_{i=1}^{10} x_i^2$                                | 3 |
| (d) Find the square of mean and mean of square. Are they equal? | 4 |

Group B