## Babcock University; Illishan-Remo, Ogun State. Department of Basic Sciences,

Mid-Semester Examination: 2017/2018 Session.

Instruction: Answer ALL Questions.

- - 2. Given below are the number of tools produced by workers in a factory:

31 46 44 57 63 71 40 64 45 36 78 48 77 44 49 23 36 55 47 61 53 32 65 51 40 26 59 43 66 44 417 25 55 58 49 45 61 41 54 50 45 82 71 48 46 69 38 72 48 92

- (a) Prepare a frequency distribution table (b) Construct Class boundaries and Cumulative percentages for the distribution (c) How many workers produced (i) More than 55 tools and (ii) Less than 43 tools. (8 Marks)
- 3. A manufacturing company pays its sales men N63.52, N67.28 or N72.46. The corresponding weight is 18, 12 and 9 respectively. Determine the weighted average mean. (3 Marks)