# Cosmo School

**Work sheet for class-8**

**Chapter-11, statistic**

**Subject teacher: Mohammed Barkatul Alam Tipu**

1. (i) Marks obtained by 100 students in M.C.Q of mathematics are given below:

| Marks | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 |
|---|---|---|---|---|---|---|
| No of students | 5 | 10 | 20 | 25 | 30 | 10 |

(ii) In the world cup 2019, Bangladesh scored 322 against West Indies as Follows:

| Types of run | 1 | 2 | 3 | 4 | 6 | Extra | Total |
|---|---|---|---|---|---|---|---|
| Different types of scoring run | 94 | 32 | 6 | 128 | 36 | 26 | 322 |

a) Make a cumulative frequency distribution table using stem (i)
b) Determine the arithmetic mean using tem (i)
c) Draw the pie-chart using stem (ii)