Q-9. Solve the following L.P.P graphically using corner point method

Maximize $Z = x+y$, subject to the constraints

$2x-y+1 \geq 0$ $x+y \leq 3$, $x \leq 2$, $x, y \geq 0$

Q-10. What is the Data, representation of data, Collection of data ?

Q-11. Differentiate between Primary data and Secondary data ?

Q-12. Represent the following data by a histrogram.

class-Interval	0-10	10-20	20-30	30-40	40-50
Frequency	6	12	20	31	57

Q-12 Explain the advantage and Disadvantage of the graphical representation of data ?

Q-13. Explain 'more than ogive' and less than ogive ?

ASSIENMENT - I

Q-1. If ${}^{6}P_{r} = 2$, ${}^{6}P_{r-1}$ find r

Q-2. If $C_0, C_1, C_2 - - - C_n$ denote the coefficients in expansion of $(1+x)^n$ then find the value of $C_0 + 3 \cdot C_1 + 5C_2 + - - (2n+1)C_n$?

Q-3. Find the rth term in the expansion of $\left(x + \frac{1}{x}\right)^3$

Q-4. Solve $x + 4y > 8$ graphically.

Q-5. Find the value of a so that the term independent of $\left(\sqrt{x} + \frac{a}{x^2}\right)^{15}$ is 405.

Q-6. How many three digits numbers can be formed by using the digits 1, 3, 6, 8

Q-7. The coefficients of 5th, 6th, and 7th terms in the expansion of $(1+x)^7$ are in A.P.

Q-8. Find the solution set of system of the following linear inequations graphically

$x + y \leq 6$, $x \geq 1$, $y \geq 1$