Student ID: 1705110

Subject: Assignment from Book

Chapter no: 1

Section no: 1

Excersise : 30

(30)

| P | 9 | 179 | 9-7-P | 179 | コアシコタ | (9-7-1p) V(-1p-7-1p) |
|---|---|-----|-------|-----|-------|----------------------|
| | | F | F | F. | - | |
| | F | F | | | | |
| F | | | T | F | F | |
| F | F | T | T | T | T | T |

number of rows = 4

[
$$^{\circ}$$
 of number of variables = 2, so 2^{n} = 4] - via permutation

- (b) number of variables = 3 % number of rows = $2^3 = 8$
- © number of variables = 8% number of rows = $2^6 = 64$
- (a) number of variables = 5in number of nows = $2^5 = 32$

Each variable has & 2 values: Ton F so n variables all taken at once with repetition gives 2n nows by permutation.