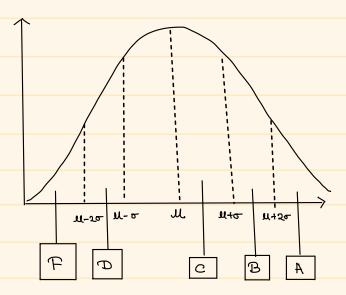
3. Letter grades one associated normal distribution, thus we seed



| Grade | Intorval | Фпов | Empeded H Abalut |
|--------------|--------------|-------|-----------------------|
| Ð | [M+5e, w) | 0.023 | 600×0.053 = 13.8 |
| \mathbb{G} | (mte, mtse) | 0.136 | CBO x B.136 = 81.6 |
| C | [n-e, n+e) | 0.682 | 600% 0, 682= 409.2 |
| \bigcirc | [が-50, 11-2) | 0.134 | C06 x 0 : 13 C = 81-1 |
| Ŧ | (-0, 4-20) | 0,023 | 800 x 8,013 = 13.8 |
| 1 | | | |
| | | | |

total Students = 600

$$\frac{13.8}{13.8} + \frac{(150 - 81.6)^2}{81.6} + \frac{(28 - 13.8)^2}{91.6} + \frac{(38 - 13.8)^2}{13.8}$$

$$\chi_{5}$$
 = 0.00 = 7.778

Sinc,
$$\chi^2 > \chi_{F^2}$$
 at both 51. and 101. significant levels. Thus we can right the hypothesis that distribution is normal.

Distribution in not normal.

=> We can't rejet the hypothesis that MA = MB at 101. Significance level.

Thougare. Ship mud A and B from a distribution whose mean and variance are the Sam.