(i) Since $225 > 135$, we apply euclids div. lemma

$225 = 135 \times 1 + 90$

$\because r \neq 0$

apply. euclids div. lemma to 135 and 90

$135 = 90 \times 1 + 45$

$\because r \neq 0$

apply. euclids div. lemma to 90 and 45

$90 = 45 \times 2 + 0$

$\because r = 0$

$\therefore$ divisor 45 is HCF of given numbers.

(ii) Since $38220 > 196$, we apply euclids div. lemma

$38220 = 196 \times 195 + 0$

$\because r = 0$

$\therefore$ divisor 196 is HCF of given numbers

(iii) Since $867 > 255$, we apply euclids div. lemma

$867 = 255 \times 3 + 102$

$\because r \neq 0$

appl. euclids div. lemma to 255 and 102

$255 = 102 \times 2 + 51$

$\because r \neq 0$

appl. euclids div. lemma to 102 and 51

$102 = 51 \times 2 + 0$

$\because r = 0$

$\therefore$ divisor 51 is HCF of given numbers