

## Task 12 (part 5)

As we have 80ms delay for each display to get its turn to refresh after 8-timer interrupts.

By the Way;

$$T = \frac{160\text{ms}^{20}}{8} \Rightarrow T = 20\text{ms}$$

$$\boxed{f = \frac{1}{T}} \rightarrow \text{using this formula.}$$

$$f = \frac{1}{20\text{ms}} = \frac{1000}{20\text{s}} = \boxed{50\text{Hz}}$$

[ So, the delay in between two consecutive display is 10ms. ]