**QUIZ III**

**IE 403 HCI WINTER 2022**

**DURATION : 20 MINS.**

1. Microsoft Toolbars offer the user the option of displaying a label below each tool. Name at least one reason why labeled tools can be accessed faster

2. A graphics application has a toolbar with 16x16-pixel icons laid out as a 2x8 array that lies along the left-hand edge of the screen. Without moving the array from the left- hand side of the screen or changing the size of the icons, what steps can you take to decrease the time necessary to access the average tool?

3.  In Windows, the taskbar can be oriented along the top, side or bottom of the screen. The Taskbar can also be hidden or constantly displayed. Give at least two reasons why auto-hide option is inefficient.

4. MacOS and Windows have different ways of displaying menu bars for different applications.

i. Compare them

ii. From a cognitive perspective, what principles argue for doing it the Windows way?

iii. From the perspective of Fitts’s Law, what is the advantage of the Macintosh way?