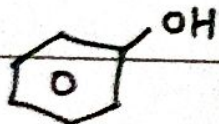
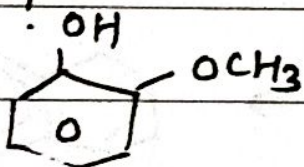


Which is most acidic?

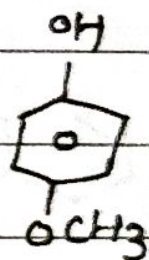
(a)



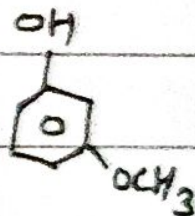
(b)



(c)



(d)



The group $-OCH_3$ shows +M effect at ortho and para positions and $-I$ effect at all positions. Since +M effect increases e^- density, o and p isomers are less acidic than phenol. Also, at meta position, only the $-I$ of OCH_3 operates and reduces e^- density thus making meta isomer more acidic.

\therefore (d) is most acidic.