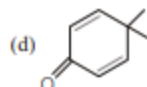
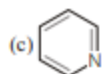
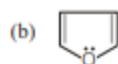
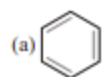
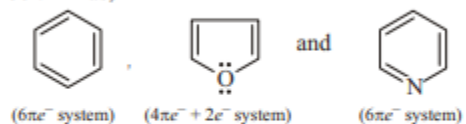


Which of the following molecules is least resonance stabilised?  
(2017 Main)



Aromatic compounds are stable due to resonance while non-aromatics are not. According to Huckel's rule (or  $4n + 2$  rule), "For a planar, cyclic compound to be aromatic, its  $\pi$  cloud must contain  $(4n + 2)\pi$  electrons, where,  $n$  is any whole number." Thus,



are aromatic and stabilised by resonance.  
They follow Huckel's rule.

