Which compound(s) out of the following is/are not aromatic?
(2019 Main, 11 Jan I)









- A compound is considered to be aromatic, if it follows three rules:
 - (a) Must be cyclic and planar.
 - (b) Must have conjugated system in it.
 - (c) It must follow Huckel rule which states that number of π -electrons = (4n + 2)

(A)
$$\Rightarrow 2\pi - e^{-} \text{ system } [(4n + 2)\pi, n = 0] \Rightarrow \text{Aromatic}$$

(B)
$$\Rightarrow 4\pi$$
- e^- system $[4n\pi, n = 1] \Rightarrow$ Anti-aromatic

(C)
$$\Rightarrow 8\pi - e^{-}$$
 system $[4n\pi, n = 2] \Rightarrow$ Anti-aromatic

