Pyrrole and pyridine both are basic and form salts with acids? Which of the following statement is true regarding the aromatic character of the four species?

A) All the four are aromatic

C) I, II and III are aromatic

B) I, III and IV are aromatic

D) I and III are aromatic

Correct Answer: B

Solution:

I (Sextet present, hence aromatic)
(e pair on N forms a part (f exitet present, hence aromatic)
(r pair on N, not a part of sextet)

(r pair on N, not a part of sextet)

involved in protonation)