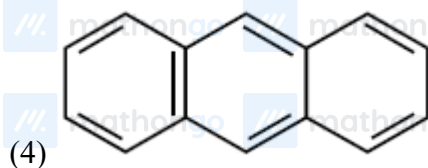
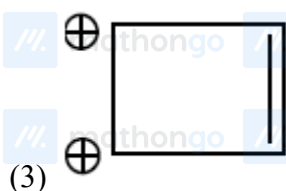
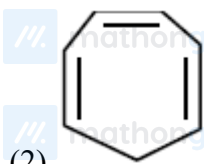
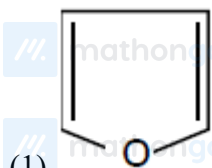


Questions with Answer Keys

MathonGo

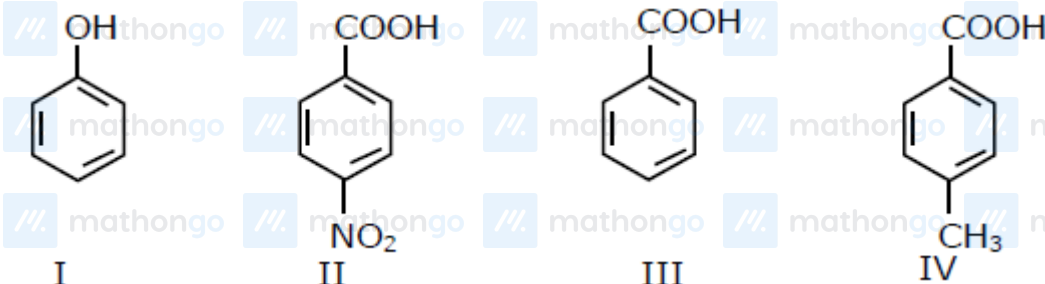
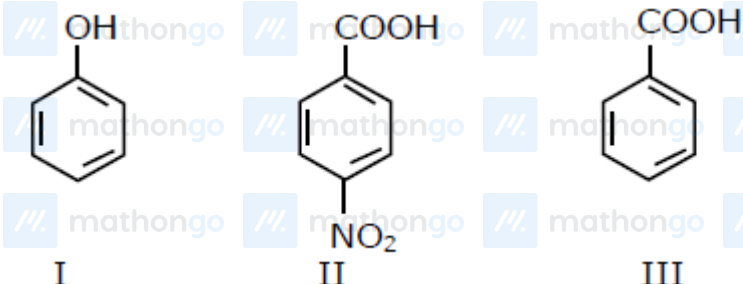
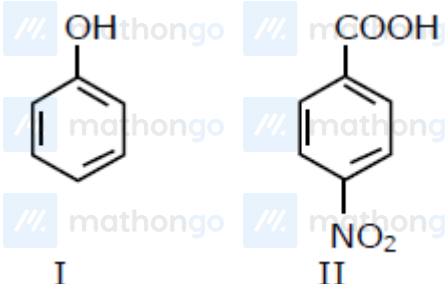
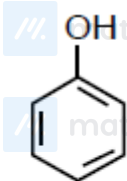
Q1: 24 Feb (Shift 2) - Single Correct

Which one of the following compounds is non-aromatic ?



Q2: 25 Feb (Shift 2) - Single Correct

The correct order of acid character of the following compounds is :



(1) II > III > IV > I

(2) III > II > I > IV

(3) IV > III > II > I

(4) I > II > III > IV

Questions with Answer Keys

MathonGo

Q3: 26 Feb (Shift 1) - Single Correct

Given below are two statement :

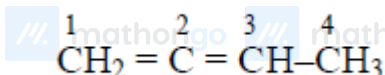
Statement I : o-Nitrophenol is steam volatile due to intramolecular hydrogen bonding

Statement II : o-Nitrophenol has high melting point due to hydrogen bonding. In the light of the above

statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are false
- (2) Statement I is false but Statement II is true
- (3) Both Statement I and Statement II are true
- (4) Statement I is true but Statement II is false

Q4: 26 Feb (Shift 2) - Single Correct



In molecule, the hybridization of carbon 1,2,3 and 4 respectively are:

- (1) sp^2 , sp , sp^2 , sp^3
- (2) sp^2 , sp^2 , sp^2 , sp^3
- (3) sp^2 , sp^3 , sp^2 , sp^3
- (4) sp^3 , sp , sp^3 , sp^3

Questions with Answer Keys

MathonGo

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Answer Key

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Q1 (2) **Q2 (1)** **Q3 (4)** **Q4 (1)**
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