

HYDROXY DERIVATIVES

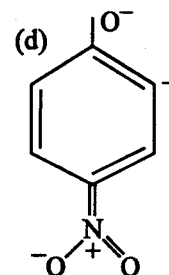
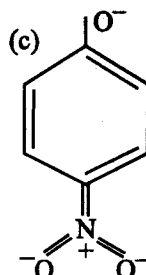
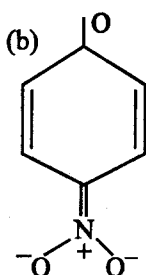
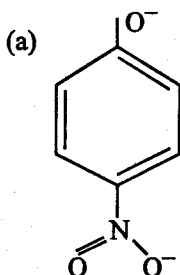
Std. XII
CHEMISTRYTime: 1½
Max.Marks: 75

PART - I

Choose and write the correct answer:

(15 × 1 = 15)

- Which of the following compounds is soluble in H₂O?
 - Phenol
 - Alkenes
 - Alcohols
 - Alkynes
- Order of reactivity of alcohol towards sodium metal is _____
 - 1° < 2° > 3°
 - 1° > 2° > 3°
 - 1° < 3° < 2°
 - 1° > 2° < 3°
- A compound that gives a positive iodoform test is
 - ethanol
 - 2° alcohol
 - 3° alcohol
 - none
- Among the following compounds strongest acid is
 - CH≡CH
 - C₆H₆
 - CH₃OH
 - C₂H₆
- The most unlikely representation of structure of p-nitrophenoxide ion is



- Glycerol is used as
 - a sweetening agent
 - in the manufacture of soap
 - in the manufacture of glyptal plastic and TNG
 - all the above
- Which of the following alcohols is the strongest acid?
 - CH₃OH
 - C₂H₅OH
 - (CH₃)₂CHOH
 - (CH₃)₂COH
- Dow's reaction involves
 - electrophilic addition
 - electrophilic substitution
 - nucleophilic substitution
 - nucleophilic addition
- Which of the following used antifreeze agent in automobile radiations?
 - glycerol
 - ethanol
 - dioxan
 - ethylene glycol

