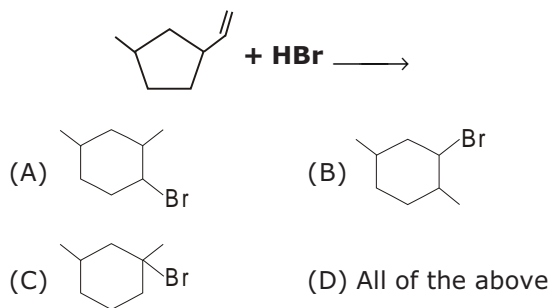


Q.1 Choose the correct statement(s) for the compounds shown below :

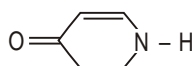


- (A) Compound I have two enol tautomers and both enol forms are chiral
 (B) Compound I has two enol tautomers & only one enolic form is chiral
 (C) Compound II have two enol tautomers and both enolic form are chiral.
 (D) Compound II have two enol tautomers and neither enol form is chiral.

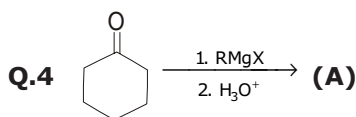
Q.2 What should be the product (s) of the following reaction



Q.3 In the following structure, which is better site for the attack of H^+



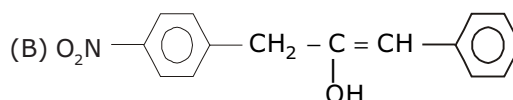
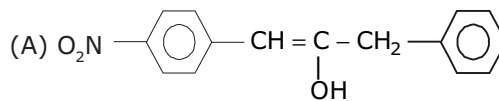
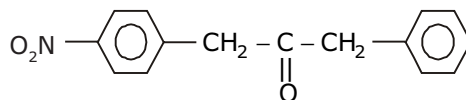
- (A) Oxygen atom
 (B) Nitrogen atom
 (C) Both oxygen and nitrogen atom have equal potential for protonation
 (D) None of these



(A) is-

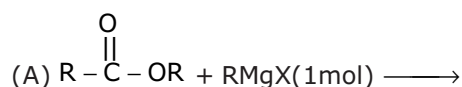
- (A) an aldehyde (B) a ketone
 (C) 2° alcohol (D) 3° alcohol

Q.5 Which enol form is more stable for the compound shown below :

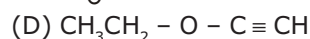
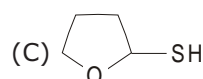
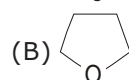
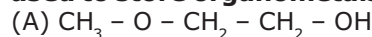


- (C) Both have equal stability
 (D) Can't be predicted

Q.6 Which of the following rxn does not yield a 3° alcohol after hydrolysis-



Q.7 Which of the following ethers cannot be used to store organometals -



Q.8 Which $CH_3CH_2MgBr +$  $\longrightarrow X$

X is-

- (A) An aldehyde (B) Ketone
 (C) 1° alcohol (D) 2° alcohol

Q.9 For the compound cyclohexa-2, 4-dienone; which form is more stable-

- (A) Enol
 (B) Keto
 (C) Can't be predicted
 (D) Compound does not show tautomerism

CHEMISTRY IIT JEE (CLASS TEST - 7) (ORGANIC) ANSWER KEY

Name : Date :

1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>