

Topic : Aldehydes, Ketones

Type of Questions

Single choice Objective ('-1' negative marking) Q.1 to Q.3

(3 marks 3 min.)

M.M., Min.

[9, 9]

Comprehension ('-1' negative marking) Q.4 to Q.6

(3 marks 3 min.)

[9, 9]

True or False (no negative marking) Q.7

(2 marks 2 min.)

[2, 2]

Subjective Questions ('-1' negative marking) Q.8

(4 marks 5 min.)

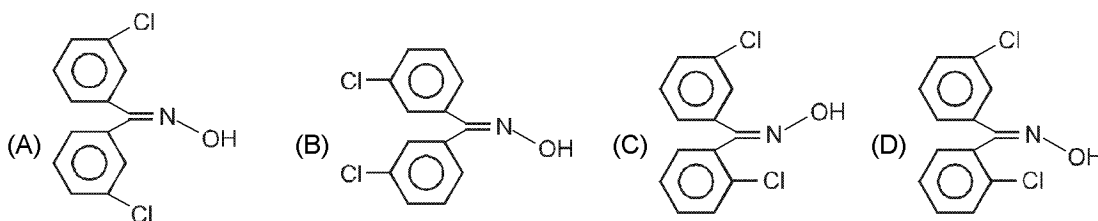
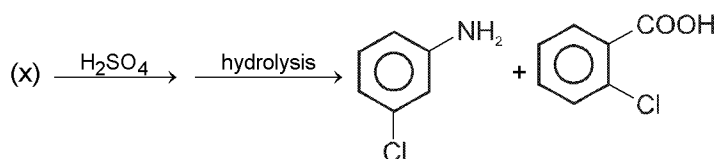
[4, 5]

Match the Following (no negative marking) (2 × 4)

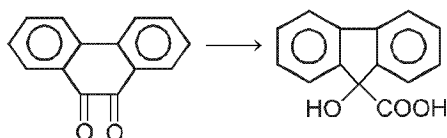
(8 marks 10 min.)

[8, 10]

1. The reactant 'x' is :



2.



Above conversion can be carried out by :

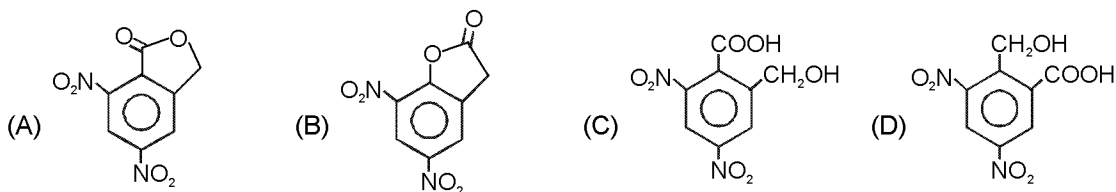
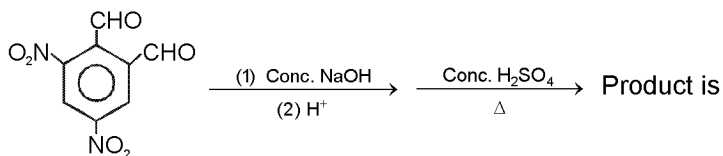
(A)  $\text{LiAlH}_4$ ,  $\text{H}^+$ ,  $\Delta$

(B) (i)  $\text{OH}^-$  (conc.),  $\Delta$  (ii)  $\text{H}^+$

(C) (i)  $\text{H}^+$ ,  $\Delta$  (ii)  $\text{OH}^-$

(D) (i)  $\text{NaBH}_4$  (ii)  $\text{H}^+$

3.





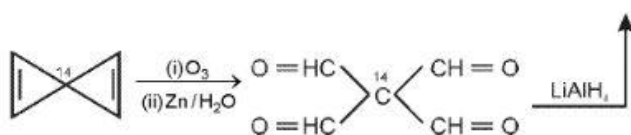
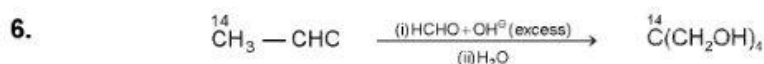
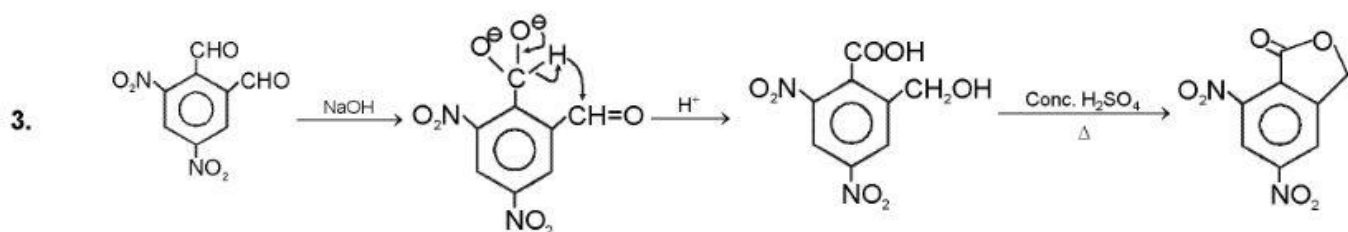
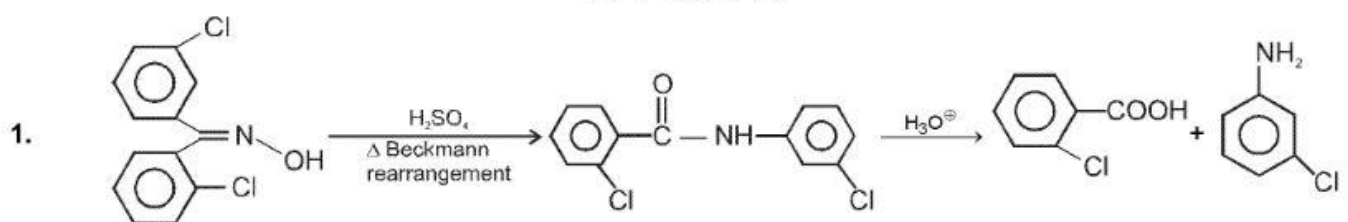
# Answer Key

## DPP No. # 28

1. (D)      2. (B)      3. (A)      4. (B)      5. (C)  
6. (A)      7. True      8. 07      9. (A - q, t) (B - p, r) (C- p, s, t) (D - q, s)

# Hints & Solutions

## DPP No. # 28



7. p-Toluidine has aromatic  $-\text{NH}_2$  group which gives orange red dye with  $\text{NaNO}_2/\text{HCl}$  and  $\beta$ -Naphthol, while p-cresol does not give this test.

