



Resonance[®]
Educating for better tomorrow

TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

O-CHEMISTRY

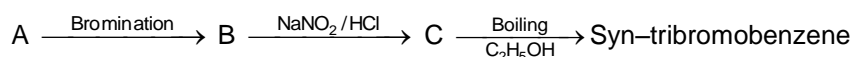
DPP

DAILY PRACTICE PROBLEMS

DPP NO. 3

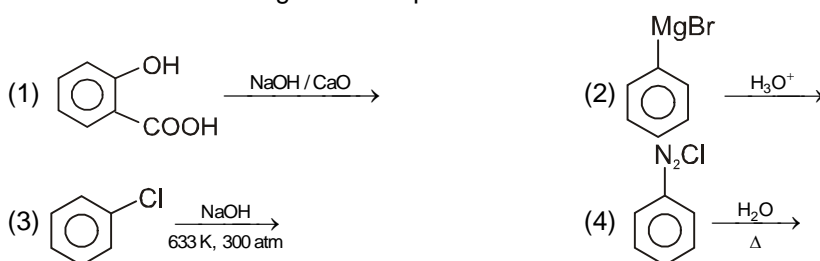
DPP No. : 3

1. In the following reaction, B is

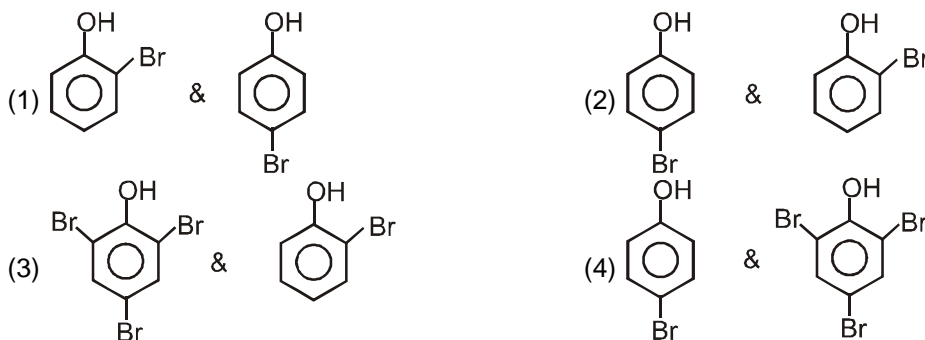


- (1) salicylic acid (2) benzoic acid (3) phenol (4) 2, 4, 6-tribromoaniline

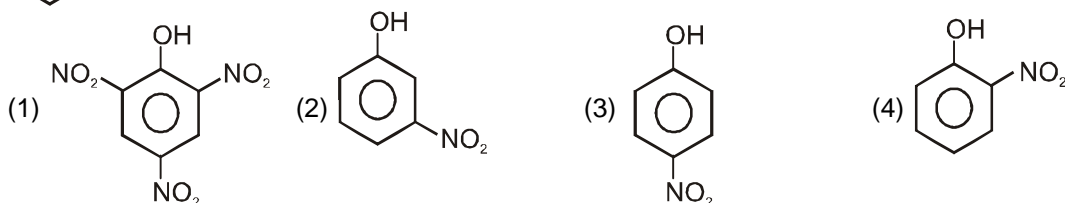
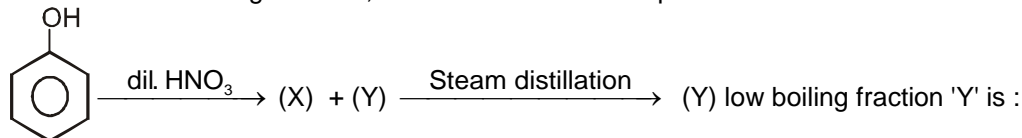
2. In which of the following reactions phenol is not obtained :



3. A and B are respectively

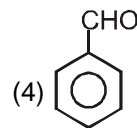
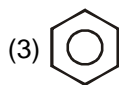
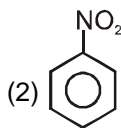
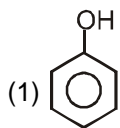


4. Observe the following reaction, and select the correct option

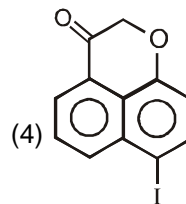
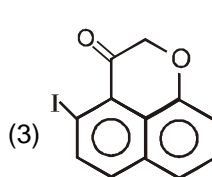
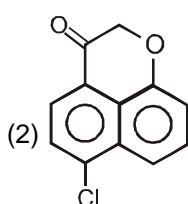
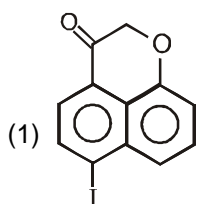
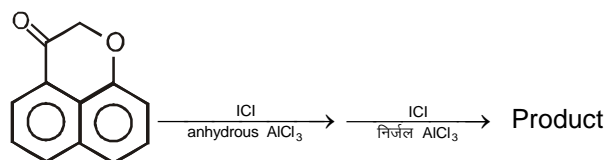


5. $A + CCl_4 + KOH \rightarrow$ Salicylic acid

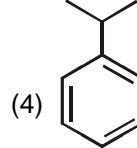
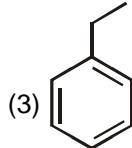
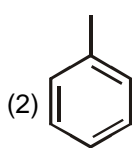
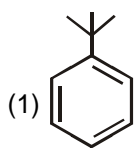
'A' in above reaction is



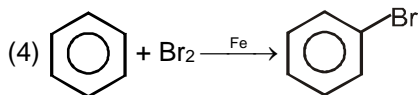
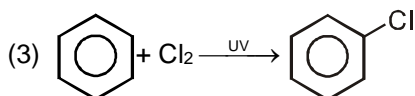
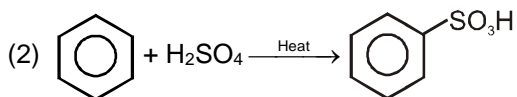
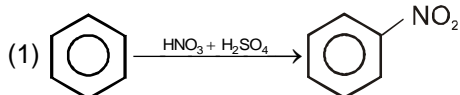
6. Benzene ring can be halogenated by using interhalogens. Identify the product of the following halogenation reaction :



7. Which of the following will undergo sulphonation at fastest rate ?



8. The reaction least likely to occur is:



9. The number of benzene derivatives of the formula C_7H_8O is :

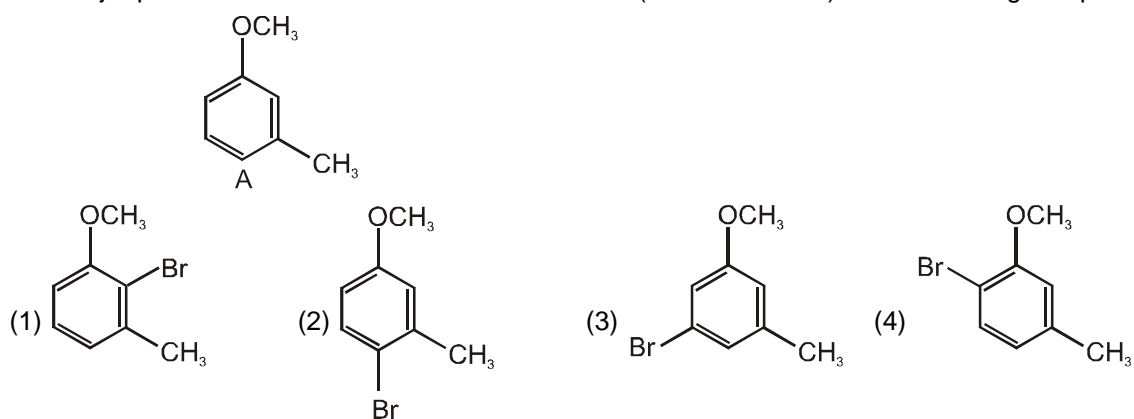
(1) 2

(2) 3

(3) 4

(4) 5

10. The major product obtained on the monobromination (with $\text{Br}_2 / \text{FeBr}_3$) of the following compound A is :



ANSWER KEY

1. (4) 2. (2) 3. (4) 4. (4) 5. (1) 6. (4) 7. (2)
 8. (3) 9. (4) 10. (2)