

PYQSide

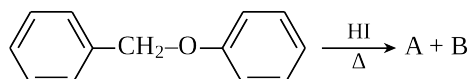
NEET ALCOHOLS, PHENOLS AND ETHERS — CHEMICAL REACTIONS OF ETHERS — PYQS

Max. Marks: 24

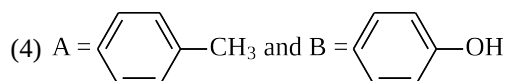
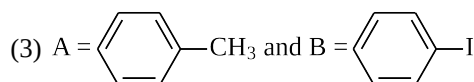
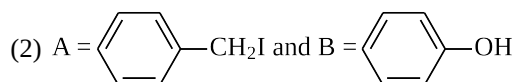
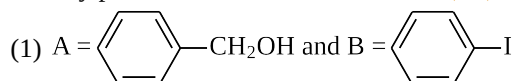
Questions: 6

Section A (MCQ)

Q.1 Consider the following reaction



Identify products A and B :- [NEET (UG) 2023]

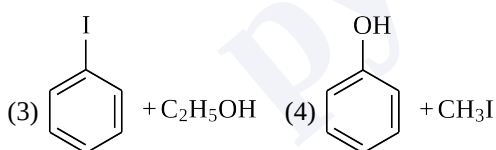
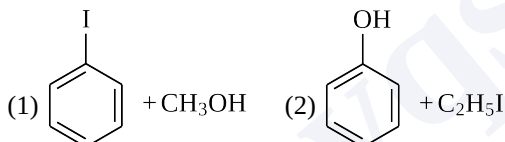


Scan or tap for the full solution



Q.2 Anisole on cleavage with HI gives :

[NEET (UG) 2020]



Scan or tap for the full solution



Q.3 The heating of phenyl methyl ether with HI produces [NEET 2017]

- (1) iodobenzene (2) phenol
(3) benzene (4) ethyl chloride.

Scan or tap for the full solution



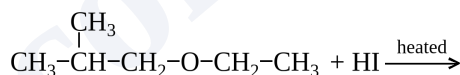
Q.4 Among the following ethers, which one will produce methyl alcohol on treatment with hot concentrated HI? [NEET 2013]

- (1) $\text{CH}_3\text{C}(\text{CH}_3)_2\text{OCH}_3$
(2) $\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}_2\text{OCH}_3$
(3) $\text{CH}_3\text{CH}_2\text{CH}_2\text{OCH}_3$
(4) $\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{OCH}_3$

Scan or tap for the full solution



Q.5 In the reaction :



Which of the following compounds will be formed?

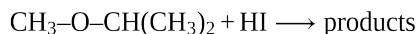
[AIPMT 2007]

- (1) $\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}_3 + \text{CH}_3\text{CH}_2\text{OH}$
(2) $\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}_2\text{OH} + \text{CH}_3\text{CH}_3$
(3) $\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}_2\text{OH} + \text{CH}_3\text{CH}_2\text{I}$
(4) $\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}_2\text{I} + \text{CH}_3\text{CH}_2\text{OH}$

Scan or tap for the full solution



Q.6 The major organic product in the reaction is



[AIPMT 2006]

- (1) $\text{CH}_3\text{I} + (\text{CH}_3)_2\text{CHOH}$ (2) $\text{CH}_3\text{OH} + (\text{CH}_3)_2\text{CHI}$
(3) $\text{ICH}_2\text{OCH}(\text{CH}_3)_2$ (4) $\text{CH}_3\text{OC}(\text{CH}_3)_2\text{I}$

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6					
Ans.	2	4	2	1	3	1					