

**Guess Paper – 2014**  
**Class – XII**  
**Subject – Chemistry**

**EQUILIBRIUM CLASSES TEST OF HALOALKANES, HALOARENES & ALCOHOLS, PHENOLS, ETHER**

M.M-20

**ALL QUESTIONS ARE COMPULSORY**



QUES-2 .WRITE SHORT NOTES ON

- (1) REIMER TIEMANN'S REACTION
- (2) SWARTS REACTION

QUES -3 . GIVE REASON----

- (I) HALOALKANES ON REACTION WITH KCN GIVE CYANIDES WHILE ON REACTION WITH AgCN GIVE ISO CYANIDES
- (II) PHENOL ARE MORE ACIDIC THAN ALCOHOLS

QUES-4 .CARRY OUT FOLLOWING CONVERSIONS

- |                             |                              |
|-----------------------------|------------------------------|
| 1-PHENOL TO PICRIC ACID     | 3-METHYL CHLORIDE TO TOLUENE |
| 2-PHENOL TO SALICYLALDRHYDE | 4-CHLORO BENZENE TO DIPHENYL |

QUES-5 .DISTINGUISH B/W

1-PRIMARY,SEC,TERTIARY ALCOHOLS

2-RETENTION & INVERSION

QUES-WRITE MECHANISM OF

1-ETHANOL TO ETHENE

2- SN<sup>2</sup> REACTION

QUES-7.ARRANGE ACCORDING TO GIVEN INSTRUCTIONS

1-  ,  $C_2H_5OH$  ,  (increasing acidic character)

2- $(CH_3)_3CCl$ ,  $(CH_3)_2CHCl$ ,  $CH_3CH_2Cl$  (increasing order of SN<sup>1</sup>)

QUES-8 HOW CAN YOU PREPARE

1-PROPAN- 2-OL FROM PROP-1-ENE

2-PROPAN-1-OL FROM PROP-1-ENE

3-CHLORO BENZENE FROM ANILINE

4-DIETHYL ETHER FROM ETHANOL

\*\*\*\*\*BEST OF LUCK \*\*\*\*\*

**BY-DR. ANUJ SHARMA M.SC (CHEM),B.Ed,M.Phil(CHEM)**

**[anuj.sharma79@yahoo.com](mailto:anuj.sharma79@yahoo.com)**