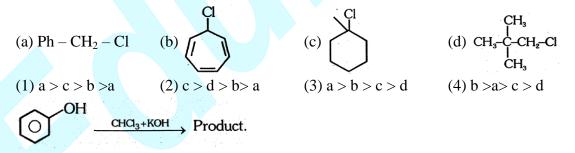
Build Up Your Understanding Exercise-I (Conceptual Ouestions) **General method of Preparation** Alkyl halides can be obtained by all methods excepts 1. (1) CH₃–CH₂–OH + HCl $\xrightarrow{\text{ZnCl}_2}$ (2) $CH_2 = CH - CH_3 + HBr \longrightarrow$ (3) $C_2H_5OH + NaCl \longrightarrow$ (4) $CH_3COOAg + Br_2/CCl_4$ — 2. Which of the following will not give Iodoform test (1)H--CH₂--CH--C₂H₅ (3)(4)Which of the following product is obtained when bleachirlg powder is distilled with acetone 3. $(1) CC1_4$ (2) CHOl₃ $(3) CH_3 - CH_3$ (4) All Which will give yellow ppt. with iodine and alkali 4. (1) Propan–2–ol (2) Benzophenone (3) Methyl acetate (4) Acetamide **Physical Properties** Which of the following has the highest boiling point 5. $(1) CH_3 CH_2 I$ $(2) CH_3O$ $(3) CH_{3}I$ (4) CH₃Br 6. A compound containing two –OH groups attached with one carbon atoms is unstable but which one of the following is stable

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 $(1) CH_{3}CH < OH OH (2) OH (3) CH_{3}C - CH OH OH (4) All$

Chemical Properties

7. Arrange the following compounds in decreasing order of reactivity in S_N reaction :-



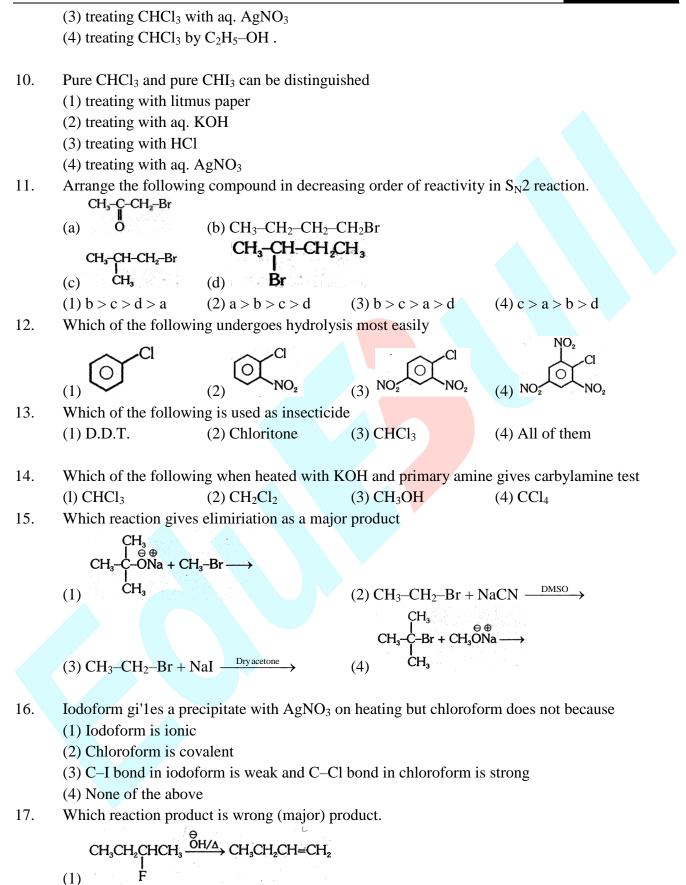
8.

about above reaction the incorrect statement is

- (1) The name of reaction is Reimer-Teiman's reaction
- (2) The intermediate in the reaction is dichloro carbene
- (3) The final product is salicylaldehyde
- (4) The final product is benzyl chloride
- 9. The purity of $CHCl_3$ can be checked by
 - (1) treating CHCl₃ by NaOH
 - (2) treating CHCl₃ by HCl

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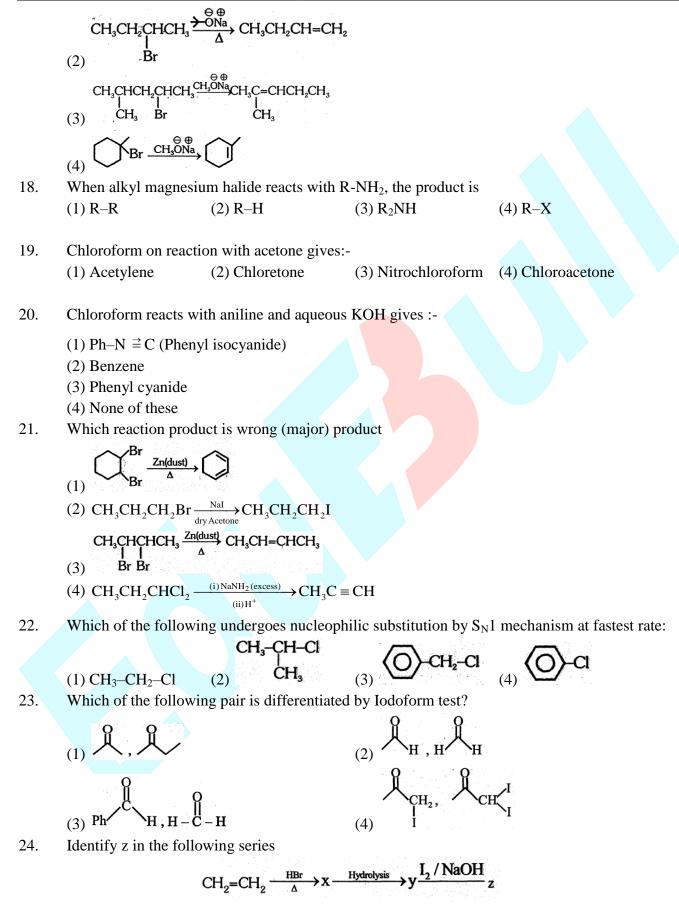
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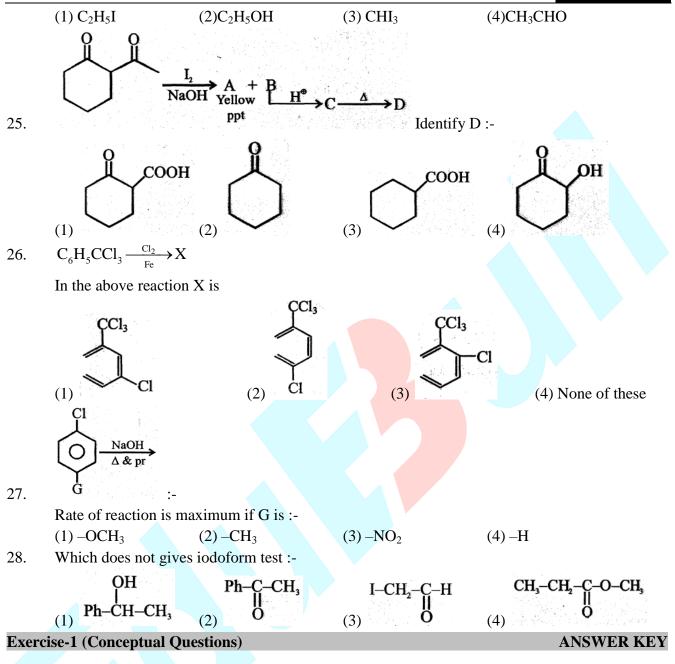
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Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	3	2	2	-1	1	3	4	4	3	4	2	4	1	1	4
Que.	16	17	18	19	20	21	22	23	24	25	26	27	28		
Ans.	3	3	2	2	1	1	3	2	3	2	1	3	4		