Sri Chaitanya IIT Academy, India

A.P, TELANGANA, KARNATAKA, TAMILNADU, MAHARASHTRA, DELHI, RANCHI

A right Choice for the Real Aspirant

ICON CENTRAL OFFICE, MADHAPUR-HYD

Sec: Sr.IPLCO **JEE–ADVANCE** **Date: 23-08-15**
Time: 3 Hours **2011-P1-Model** **Max Marks: 240**

PAPER-I

KEY & SOLUTIONS

CHEMISTRY

1	B	**2**	D	**3**	A	**4**	D	**5**	C	**6**	A
7	C	**8**	ABCD	**9**	AD	**10**	ABC	**11**	AB	**12**	B
13	C	**14**	D	**15**	A	**16**	D	**17**	2	**18**	7
19	2	**20**	2	**21**	5	**22**	7	**23**	5		

PHYSICS

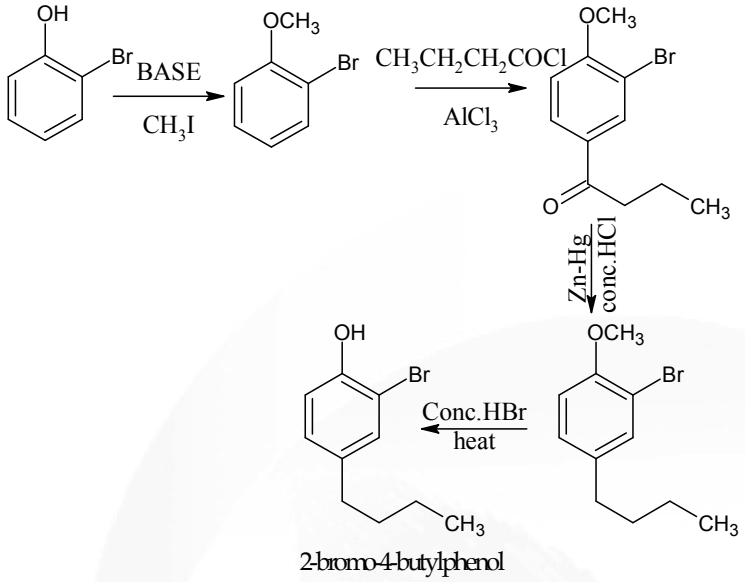
24	D	**25**	C	**26**	C	**27**	C	**28**	A	**29**	D
30	A	**31**	ABD	**32**	CD	**33**	BC	**34**	ABCD	**35**	C
36	B	**37**	B	**38**	B	**39**	A	**40**	2	**41**	2
42	4	**43**	4	**44**	8	**45**	3	**46**	3		

MATHS

47	C	**48**	A	**49**	A	**50**	B	**51**	A	**52**	C
53	D	**54**	ABCD	**55**	AB	**56**	ABC	**57**	ABCD	**58**	B
59	A	**60**	C	**61**	D	**62**	A	**63**	6	**64**	2
65	2	**66**	7	**67**	5	**68**	8	**69**	9		

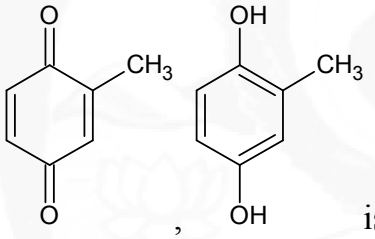
CHEMISTRY

1.



2-bromo-4-butylphenol

2.

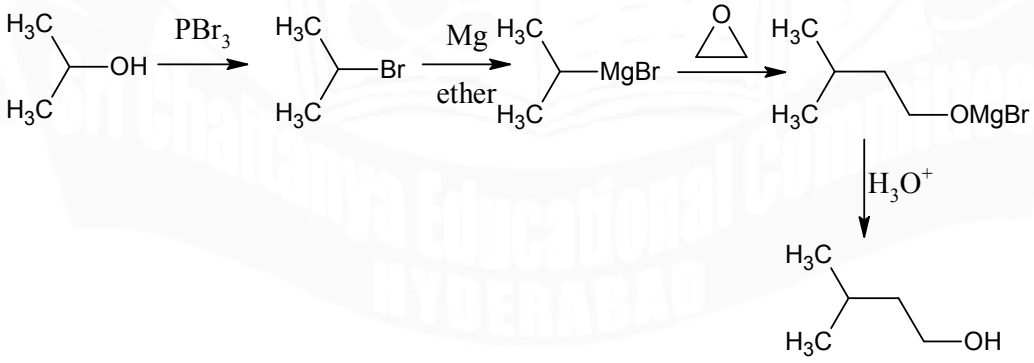


is an inhibitor in free radical reactions.

3. SNAr mechanism. The leaving Para to the –R group will be substituted by nuchleophile.

4. $CH_3I + (CH_3CH_2)_2CHONa$ is the only combination which can give SN reaction, no eliminated product

5.



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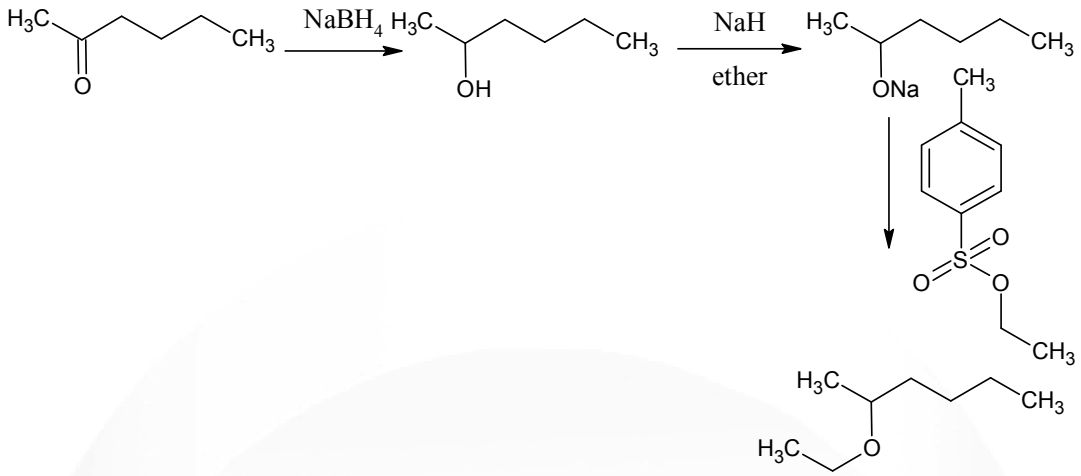
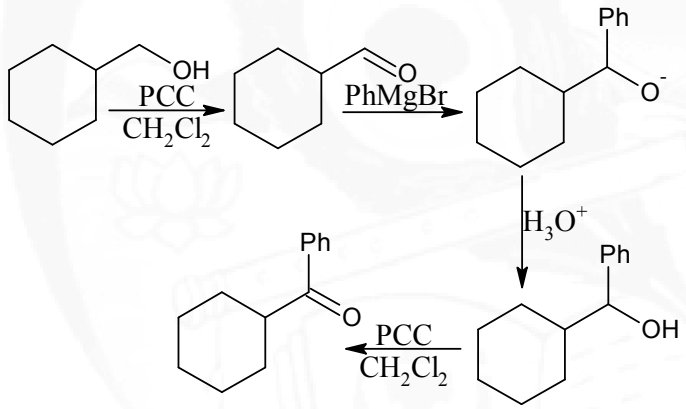
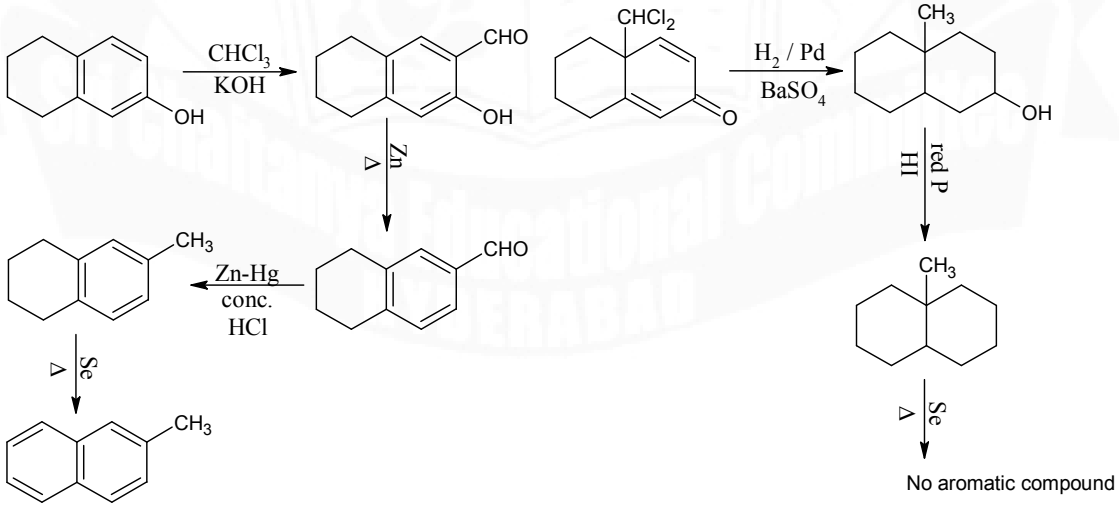


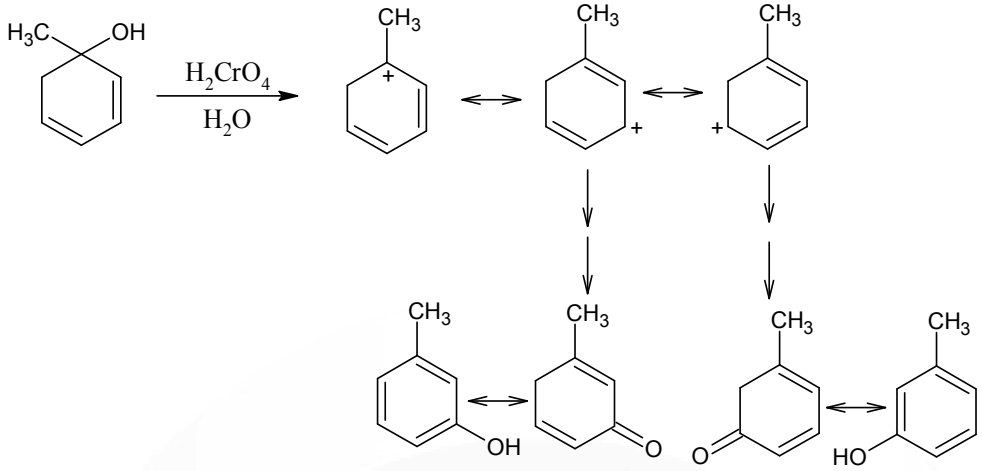
7. Conceptual.
8. Conceptual.
9. Conceptual.
10. Conceptual.
11.



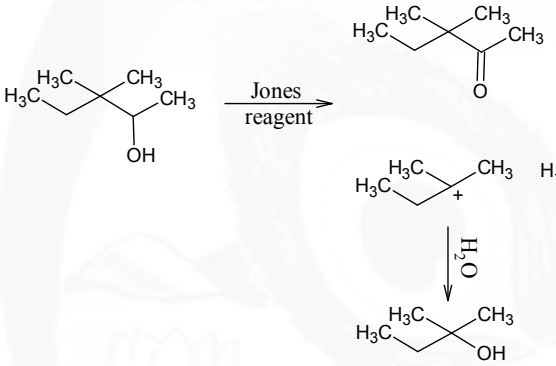
12. B 13. C 14. D



15.A



16.D



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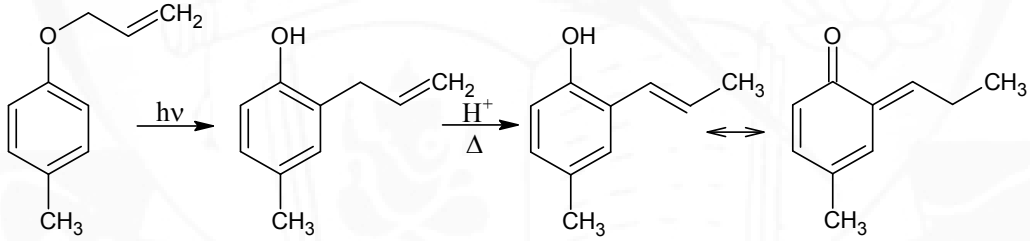

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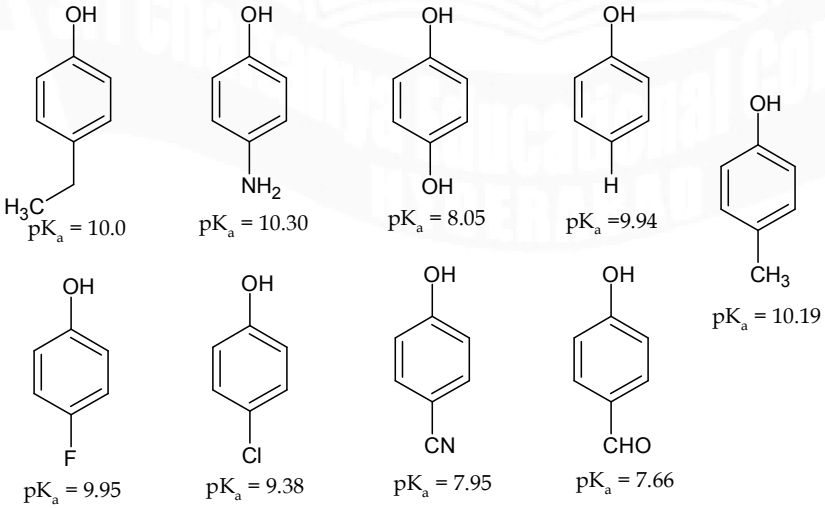

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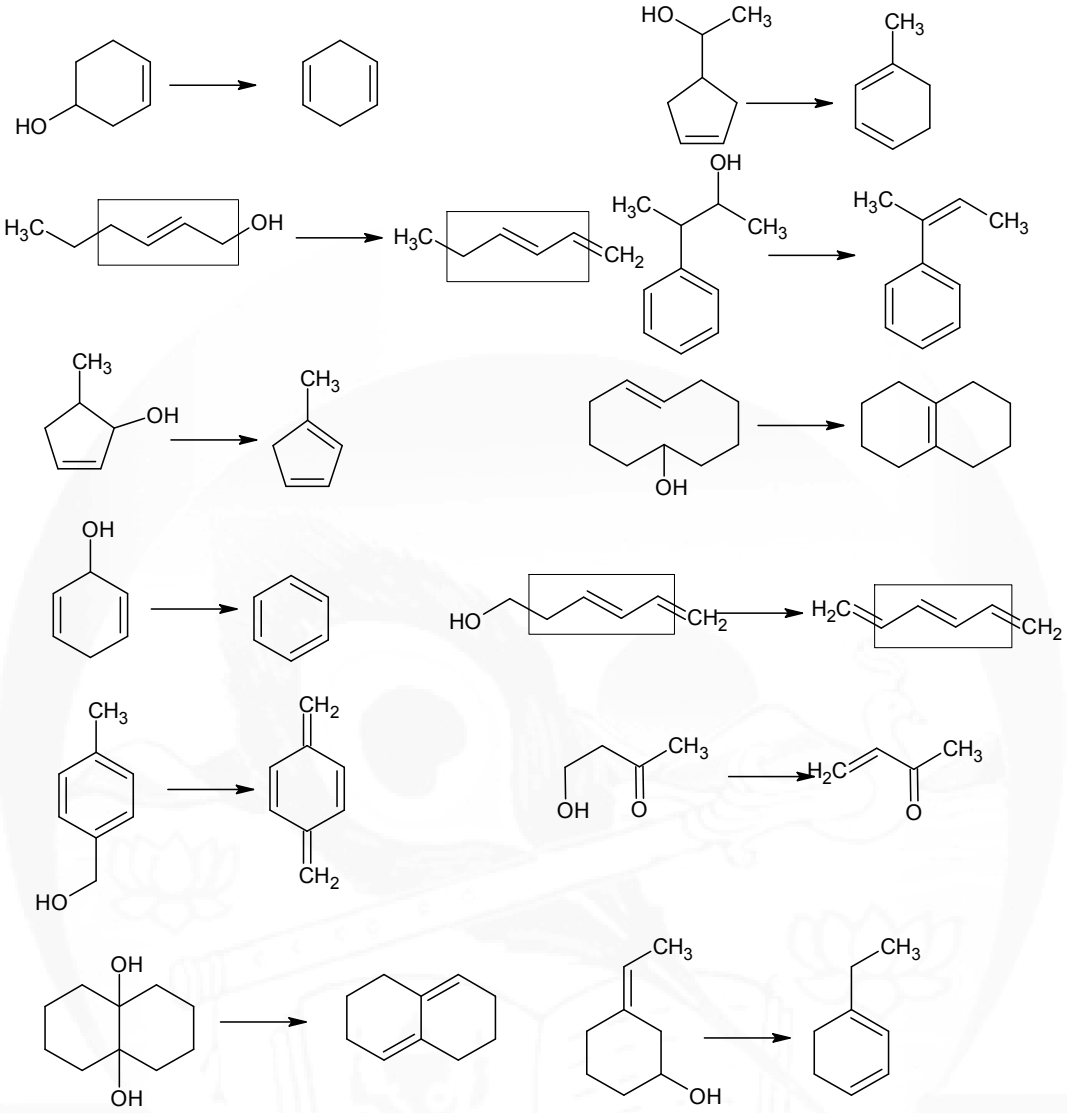
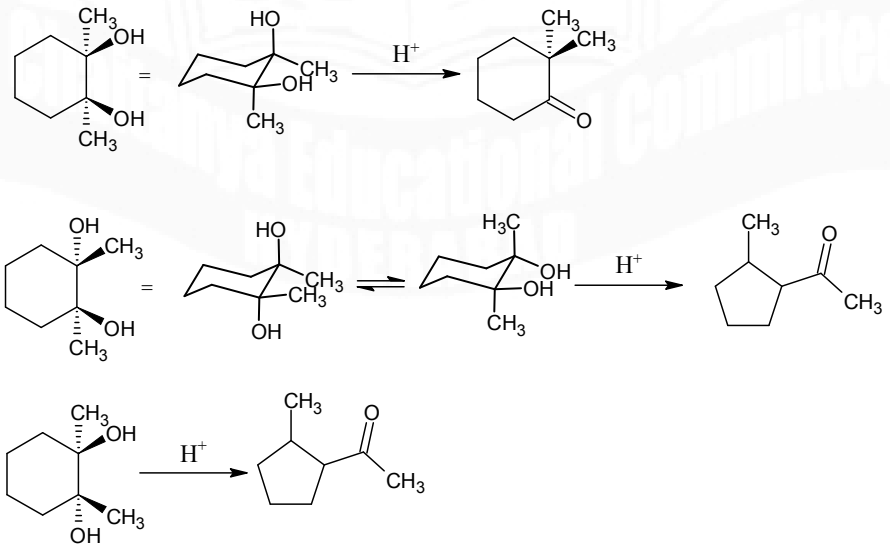


20.



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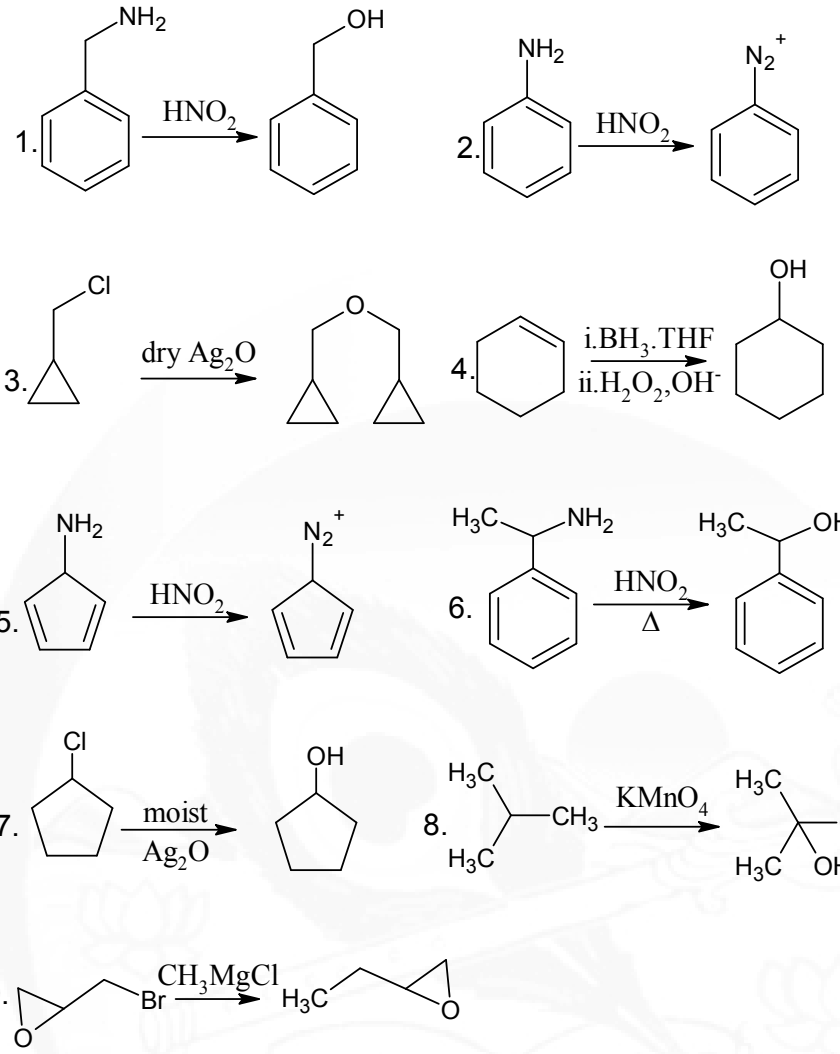
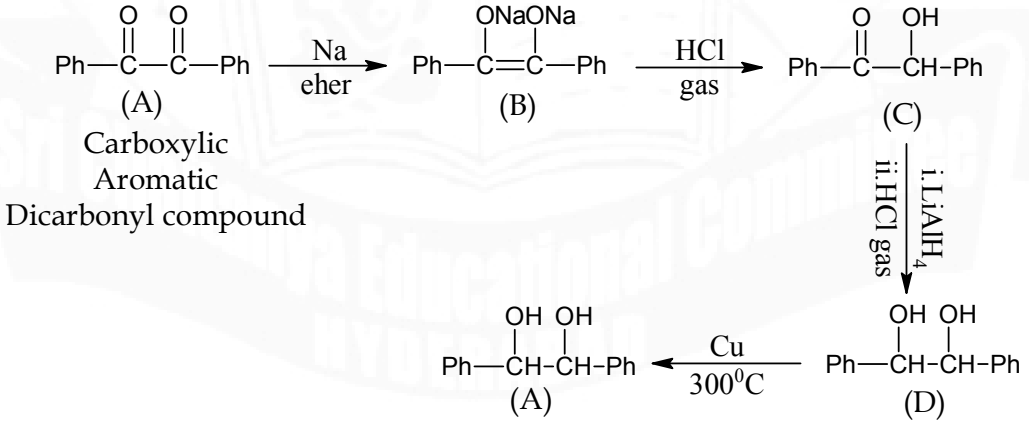


22.Conceptual.

23.



Carboxylic
Aromatic
Dicarbonyl compound