



CHEMISTRY

BOOKS - KALYANI CHEMISTRY

(ENGLISH)

SOME IMPORTANT ORGANIC NAME REACTIONS

Questions

1. Acylation or Acetylation.



[Watch Video Solution](#)

2. Explain the following reactions :

Aldol condensation



[Watch Video Solution](#)

3. Aromatisation



[Watch Video Solution](#)

4. Baeyer Villiger Oxidation of Ketones.



[Watch Video Solution](#)

5. Balz-Schiemann reaction.



[Watch Video Solution](#)

6. Benzoin Condensation.



[Watch Video Solution](#)

7. Bast's reaction



[View Text Solution](#)

8. Describe the principle involved in the synthesis of petrol from coal by Bergius process. Describe the process with a flow diagram



[Watch Video Solution](#)

9. Birch reduction.



Watch Video Solution

10. Birnbaum-Simonini reaction.



Watch Video Solution

11. Hunsdicker reaction.



Watch Video Solution

12. Beckmann rearrangement.



Watch Video Solution

13. Bouveault Blanc reduction.



View Text Solution

14. Cannizzaro's reaction



Watch Video Solution

15. Carbylamine reaction.



Watch Video Solution

16. Claisen Condensation.



Watch Video Solution

17. Claisen - Schmidt condensation



Watch Video Solution

18. Clemmensen reduction



[Watch Video Solution](#)

19. Coupling Reaction



[Watch Video Solution](#)

20. Corey-House reaction.



[Watch Video Solution](#)

21. Cristol reaction



[View Text Solution](#)

22. Cope rearrangement



[Watch Video Solution](#)

23. Darzen's process.



[Watch Video Solution](#)

24. Decarboxylation.



[Watch Video Solution](#)

25. Diazotisation



[Watch Video Solution](#)

26. Diels - Alder reaction.



[View Text Solution](#)

27. Dow process.



[Watch Video Solution](#)

28. Elb's reaction



[Watch Video Solution](#)

29. Esterification Reaction or Fisher esterification.



[Watch Video Solution](#)

30. Etard's Reaction.



[Watch Video Solution](#)

31. E_2 reaction (Elimination bimolecular reaction)



[Watch Video Solution](#)

32. E_1 reaction (Elimination unimolecular reaction).



Watch Video Solution

33. Exhaustive alkylation.



Watch Video Solution

34. Finkelstein reaction.



Watch Video Solution

35. Fischer-Tropsch process.



Watch Video Solution

36. Frankland's reaction.



Watch Video Solution

37. Fries Rearrangement



Watch Video Solution

38. Friedel - Crafts alkylation



[Watch Video Solution](#)

39. Friedel - Crafts acylation



[Watch Video Solution](#)

40. Fittig's reaction



[Watch Video Solution](#)

41. Favorskii rearrangement

 [View Text Solution](#)

42. Gabriel's Phthalimide Reaction

 [Watch Video Solution](#)

43. Gattermann Reaction

 [Watch Video Solution](#)

44. Gattermann-Koch Synthesis.



[Watch Video Solution](#)

45. Gattermann aldehyde synthesis



[Watch Video Solution](#)

46. Gomberg's reaction



[View Text Solution](#)

47. Grove's process.



Watch Video Solution

48. Grignard reaction.



Watch Video Solution

49. Haloform reaction.



Watch Video Solution

50. Hofmann's ammonolysis reaction.



Watch Video Solution

51. Hofmann's Bromamide reaction



Watch Video Solution

52. Hell-Vohlard Zelinsky reaction



Watch Video Solution

53. Hunsdicker reaction.



Watch Video Solution

54. Hofmann mustard oil reaction.



Watch Video Solution

55. Hofmann elimination reaction.



Watch Video Solution

56. Hydroboration reaction.



Watch Video Solution

57. Isomerisation.



Watch Video Solution

58. Kolbe's electrolytic synthesis.



Watch Video Solution

59. Kolbe's - Schmidt reaction



Watch Video Solution

60. Knoevenagel reaction.



Watch Video Solution

61. Libermann nitroso reaction.



Watch Video Solution

62. Ledrer-Manasse reaction.



View Text Solution

63. Mendius Reaction



Watch Video Solution

64. Meerwein-Ponndorf Verly (MPV) Reaction.



Watch Video Solution

65. Oppenauer Oxidation.



Watch Video Solution

66. Ozonolysis. Alkenes react with ozone to form ozonides which on subsequent cleavage with zinc dust and water gives aldehydes and ketones.



Watch Video Solution

67. Oxymercuration and Demercuration of alkenes.



Watch Video Solution

68. Perkin Reaction.



Watch Video Solution

69. Pinacol Rearrangement.



Watch Video Solution

70. In reductive amination, the product is:



Watch Video Solution

71. Reimer - Tiemann reaction.



Watch Video Solution

72. Rosenmund's Reaction



Watch Video Solution

73. Define Raschig Process



Watch Video Solution

74. Sabatier-Senderen's reduction.



View Text Solution

75. Sandmeyer's reaction



Watch Video Solution

76. Saponification



[Watch Video Solution](#)

77. Schmidt Reaction



[Watch Video Solution](#)

78. Schotten-Baumann Reaction.



[Watch Video Solution](#)

79. Stephen Reduction.



Watch Video Solution

80. Strecker's synthesis.



Watch Video Solution

81. Swarts reaction.



Watch Video Solution

82. Tischenko reaction.



View Text Solution

83. Trans - esterofication reaction



Watch Video Solution

84. Thermal Decomposition or Pyrolysis or Cracking.





[Watch Video Solution](#)

85. Ullmann Synthesis.



[Watch Video Solution](#)

86. Williamson's Synthesis



[Watch Video Solution](#)

87. Wurtz reaction.





[Watch Video Solution](#)

88. Wurtz - Fitting reaction



[Watch Video Solution](#)

89. Wolff rearrangement



[Watch Video Solution](#)

90. Wolff-Kishner reduction.





[Watch Video Solution](#)

91. Acylation or Acetylation.



[Watch Video Solution](#)

92. Explain the following reactions :

Aldol condensation



[Watch Video Solution](#)

93. Aromatisation



[Watch Video Solution](#)

94. Baeyer Villiger Oxidation of Ketones.



[Watch Video Solution](#)

95. Balz-Schiemann reaction.



[Watch Video Solution](#)

96. Benzoin Condensation.



Watch Video Solution

97. Bast's reaction



View Text Solution

98. Describe the principle involved in the synthesis of petrol from coal by Bergius

process. Describe the process with a flow diagram



[Watch Video Solution](#)

99. Acylation or Acetylation.



[Watch Video Solution](#)

100. Explain the following reactions :

Aldol condensation



[Watch Video Solution](#)

101. Aromatisation



[Watch Video Solution](#)

102. Baeyer Villiger Oxidation of Ketones.



[Watch Video Solution](#)

103. Balz-Schiemann reaction.



[Watch Video Solution](#)

104. Benzoin Condensation.



Watch Video Solution

105. Bast's reaction



View Text Solution

106. Describe the principle involved in the synthesis of petrol from coal by Bergius

process. Describe the process with a flow diagram



[Watch Video Solution](#)

107. Birch reduction.



[Watch Video Solution](#)

108. Birnbaum-Simonini reaction.



[Watch Video Solution](#)

109. Borodine - Hunsdiecker reaction is an example of:



Watch Video Solution

110. Beckmann rearrangement.



Watch Video Solution

111. Bouveault Blanc reduction.



Watch Video Solution

112. Cannizzaro's reaction



Watch Video Solution

113. Carbylamine reaction.



Watch Video Solution

114. Claisen Condensation.



Watch Video Solution

115. Claisen - Schmidt condensation



[Watch Video Solution](#)

116. Clemmensen reduction



[Watch Video Solution](#)

117. Coupling Reaction



[Watch Video Solution](#)

118. Corey-House reaction.



Watch Video Solution

119. Cristol reaction



View Text Solution

120. Cope rearrangement



Watch Video Solution

121. Darzen's process.



Watch Video Solution

122. Decarboxylation.



Watch Video Solution

123. Diazotisation



Watch Video Solution

124. Which of the following compounds would undergo Diels-Alder reaction with dienophile (e.g., Maleic anhydride) ?



Watch Video Solution

125. Dow process.



Watch Video Solution

126. Elb's reaction



Watch Video Solution

127. Esterification Reaction or Fisher esterification.



Watch Video Solution

128. Etard's Reaction.



Watch Video Solution

129. E_2 reaction (Elimination bimolecular reaction)



Watch Video Solution

130. E_1 reaction (Elimination unimolecular reaction).



Watch Video Solution

131. Exhaustive alkylation.



Watch Video Solution

132. Finkelstein reaction.



Watch Video Solution

133. Fischer-Tropsch process.



Watch Video Solution

134. Frankland's reaction.



Watch Video Solution

135. Fries Rearrangement



Watch Video Solution

136. Friedel - Crafts alkylation



Watch Video Solution

137. Friedel - Crafts acylation



[Watch Video Solution](#)

138. Fittig's reaction



[Watch Video Solution](#)

139. Favorskii rearrangement



[Watch Video Solution](#)

140. Gabriel's Phthalimide Reaction



[Watch Video Solution](#)

141. Gattermann Reaction



[Watch Video Solution](#)

142. Gattermann-Koch Synthesis.



[Watch Video Solution](#)

143. Gattermann aldehyde synthesis



[Watch Video Solution](#)

144. Gomberg's reaction



[View Text Solution](#)

145. Grove's process.



[Watch Video Solution](#)

146. Grignard reaction.



Watch Video Solution

147. Haloform reaction.



Watch Video Solution

148. Hofmann's ammonolysis reaction.



Watch Video Solution

149. Hofmann's Bromamide reaction



[Watch Video Solution](#)

150. Hell-Vohlard Zelinsky reaction



[Watch Video Solution](#)

151. Hunsdicker reaction.



[Watch Video Solution](#)

152. Hofmann mustard oil reaction.



Watch Video Solution

153. Hofmann elimination reaction.



Watch Video Solution

154. Hydroboration reaction.



Watch Video Solution

155. Isomerisation.



Watch Video Solution

156. Kolbe's electrolytic synthesis.



Watch Video Solution

157. Kolbe's - Schmidt reaction



Watch Video Solution

158. Knoevenagel reaction.



Watch Video Solution

159. Libermann nitroso reaction.



Watch Video Solution

160. Ledrer-Manasse reaction.



View Text Solution

161. Mendius Reaction



[Watch Video Solution](#)

162. Meerwein-Ponndorf Verly (MPV) Reaction.



[Watch Video Solution](#)

163. Oppenauer Oxidation.



[Watch Video Solution](#)

164. Ozonolysis. Alkenes react with ozone to form ozonides which on subsequent cleavage with zinc dust and water gives aldehydes and ketones.



Watch Video Solution

165. Oxymercuration and Demercuration of alkenes.



Watch Video Solution

166. Perkin Reaction.



Watch Video Solution

167. Pinacol Rearrangement.



Watch Video Solution

168. In reductive amination, the product is:



Watch Video Solution

169. Reimer - Tiemann reaction.



Watch Video Solution

170. Rosenmund's Reaction



Watch Video Solution

171. Define Raschig Process



Watch Video Solution

172. Sabatier-Senderen's reduction.



View Text Solution

173. Sandmeyer's reaction



Watch Video Solution

174. Saponification



Watch Video Solution

175. Schmidt Reaction



[Watch Video Solution](#)

176. Schotten-Baumann Reaction.



[Watch Video Solution](#)

177. Stephen Reduction.



[Watch Video Solution](#)

178. Strecker's synthesis.



Watch Video Solution

179. Swarts reaction.



Watch Video Solution

180. Tischenko reaction.



Watch Video Solution

181. Trans - esterification reaction



Watch Video Solution

182. Thermal Decomposition or Pyrolysis or Cracking.



Watch Video Solution

183. Ullmann Synthesis.



Watch Video Solution

184. Williamson's Synthesis



[Watch Video Solution](#)

185. Wurtz reaction.



[Watch Video Solution](#)

186. Wurtz - Fitting reaction



[Watch Video Solution](#)

187. Wolff rearrangement



Watch Video Solution

188. Wolff-Kishner reduction.



Watch Video Solution

189. Acylation or Acetylation.



Watch Video Solution

190. Explain the following reactions :

Aldol condensation



Watch Video Solution

191. Aromatisation



Watch Video Solution

192. Baeyer Villiger Oxidation of Ketones.





[Watch Video Solution](#)

193. Balz-Schiemann reaction.



[Watch Video Solution](#)

194. Benzoin Condensation.



[Watch Video Solution](#)

195. Bast's reaction





[View Text Solution](#)

196. Bergius process.



[View Text Solution](#)

197. Birch reduction.



[Watch Video Solution](#)

198. Birnbaum-Simonini reaction.





[Watch Video Solution](#)

199. Borodine - Hunsdiecker reaction is an example of:



[Watch Video Solution](#)

200. Beckmann rearrangement.



[Watch Video Solution](#)

201. Bouveault Blanc reduction.



Watch Video Solution

202. Cannizzaro's reaction



Watch Video Solution

203. Carbylamine reaction.



Watch Video Solution

204. Claisen Condensation.



Watch Video Solution

205. Claisen - Schmidt condensation



Watch Video Solution

206. Clemmensen reduction



Watch Video Solution

207. Coupling Reaction



[Watch Video Solution](#)

208. Corey-House reaction.



[Watch Video Solution](#)

209. Cristol reaction



[View Text Solution](#)

210. Cope rearrangement



[View Text Solution](#)

211. Darzen's process.



[Watch Video Solution](#)

212. Decarboxylation.



[Watch Video Solution](#)

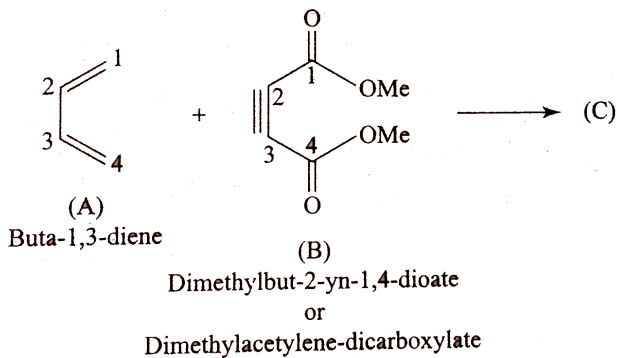
213. Diazotisation



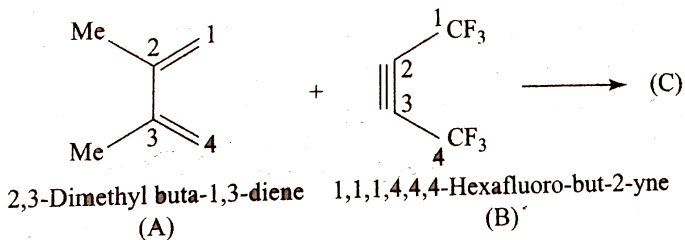
Watch Video Solution

214. Complete the following Deils – Alder reactions.

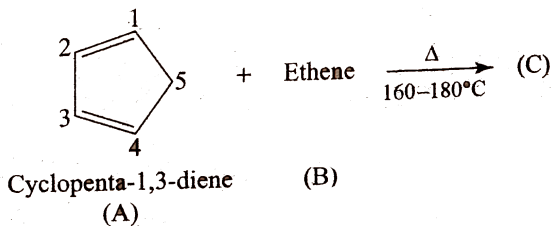
a.



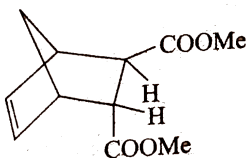
b.

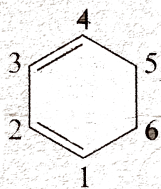


c.

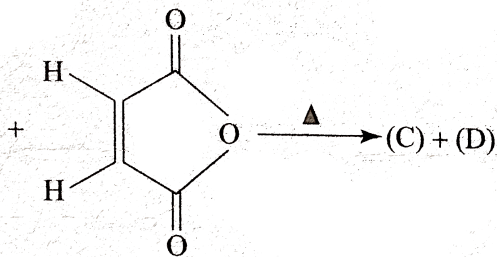


d. (A) + (B)





Cyclohexa-1,3-diene
(A)



(B)
Maleic anhydride



Watch Video Solution

215. Dow process.



Watch Video Solution

216. Elb's reaction





[Watch Video Solution](#)

217. Esterification Reaction or Fisher esterification.



[Watch Video Solution](#)

218. Etard's Reaction.



[Watch Video Solution](#)

219. E_2 reaction (Elimination bimolecular reaction)



Watch Video Solution

220. E_1 reaction (Elimination unimolecular reaction).



Watch Video Solution

221. Exhaustive alkylation.



[Watch Video Solution](#)

222. Finkelstein reaction.



[Watch Video Solution](#)

223. Fischer-Tropsch process.



[Watch Video Solution](#)

224. Frankland's reaction.



[Watch Video Solution](#)

225. Fries Rearrangement



[Watch Video Solution](#)

226. Friedel - Crafts alkylation



[Watch Video Solution](#)

227. Friedel - Crafts acylation



[Watch Video Solution](#)

228. Fittig's reaction



[Watch Video Solution](#)

229. Favorskii rearrangement



[Watch Video Solution](#)

230. Gabriel's Phthalimide Reaction



[Watch Video Solution](#)

231. Gattermann Reaction



[Watch Video Solution](#)

232. Gattermann-Koch Synthesis.



[Watch Video Solution](#)

233. Gattermann aldehyde synthesis



[Watch Video Solution](#)

234. Gomberg's reaction



[Watch Video Solution](#)

235. Grove's process.



[Watch Video Solution](#)

236. Grignard reaction.



[Watch Video Solution](#)

237. Haloform reaction.



[Watch Video Solution](#)

238. Hofmann's ammonolysis reaction.



[Watch Video Solution](#)

239. Hofmann's Bromamide reaction



[Watch Video Solution](#)

240. Hell-Vohlard Zelinsky reaction



[Watch Video Solution](#)

241. Hunsdicker reaction.



[Watch Video Solution](#)

242. Hofmann mustard oil reaction.



[Watch Video Solution](#)

243. Hofmann elimination reaction.



[Watch Video Solution](#)

244. Hydroboration reaction.



[Watch Video Solution](#)

245. Isomerisation.



[Watch Video Solution](#)

246. Kolbe's electrolytic synthesis.



[Watch Video Solution](#)

247. Kolbe's - Schmidt reaction



[Watch Video Solution](#)

248. Knoevenagel reaction.



[Watch Video Solution](#)

249. Libermann nitroso reaction.



[Watch Video Solution](#)

250. Ledrer-Manasse reaction.



[Watch Video Solution](#)

251. Mendius Reaction



[Watch Video Solution](#)

252. Meerwein-Ponndorf Verly (MPV)

Reaction.



[Watch Video Solution](#)

253. Oppenauer Oxidation.



[Watch Video Solution](#)

254. Ozonolysis. Alkenes react with ozone to form ozonides which on subsequent cleavage with zinc dust and water gives aldehydes and ketones.



Watch Video Solution

255. Oxymercuration and Demercuration of alkenes.



Watch Video Solution

256. Perkin Reaction.



Watch Video Solution

257. Pinacol Rearrangement.



Watch Video Solution

258. In reductive amination, the product is:



Watch Video Solution

259. Reimer - Tiemann reaction.



Watch Video Solution

260. Rosenmund's Reaction



Watch Video Solution

261. Define Raschig Process



Watch Video Solution

262. Sabatier-Senderen's reduction.



Watch Video Solution

263. Sandmeyer's reaction



Watch Video Solution

264. Saponification



Watch Video Solution

265. Schmidt Reaction



[Watch Video Solution](#)

266. Schotten-Baumann Reaction.



[Watch Video Solution](#)

267. Stephen Reduction.



[Watch Video Solution](#)

268. Strecker's synthesis.



Watch Video Solution

269. Swarts reaction.



Watch Video Solution

270. Tischenko reaction.



Watch Video Solution

271. Trans - esterification reaction



Watch Video Solution

272. Thermal Decomposition or Pyrolysis or Cracking.



Watch Video Solution

273. Ullmann Synthesis.



Watch Video Solution

274. Williamson's Synthesis



[Watch Video Solution](#)

275. Wurtz reaction.



[Watch Video Solution](#)

276. Wurtz - Fitting reaction



[Watch Video Solution](#)

277. Wolff rearrangement



Watch Video Solution

278. Wolff-Kishner reduction.



Watch Video Solution